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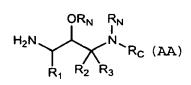
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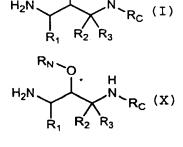
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(54) Title: 1, 3-DIAMINO-2-HYDROXYPROPANE PRODRUG DERIVATIVES



(57) Abstract: The present invention relates to compounds of formula (AA), (I) and (X), useful in treating Alzheimer's disease and other similar diseases. These compounds include inhibitors of the beta-secretase enzyme that are useful in the treatment of Alzheimer's disease and other diseases characterized by deposition of A beta peptide in a mammal. The compounds of the invention are useful in pharmaceutical compositions and methods of treatment to reduce A beta peptide formation.





1,3-DIAMINO-2-HYDROXYPROPANE PRODRUG DERIVATIVES

CROSS REFERENCE TO RELATED APPLICATIONS

This application claims priority from U.S. Provisional Application Serial No. 60/408,783, filed September 6, 2002, which is incorporated herein by reference in its entirety.

BACKGROUND OF THE INVENTION

Field of the Invention

The invention relates to 1,3-diamino-2-hydroxypropane prodrug derivatives and to such compounds that are useful in the treatment of Alzheimer's disease and related diseases. More specifically, it relates to such compounds that are capable of yielding or generating, either in vitro or in vivo, compounds that inhibit beta-secretase, an enzyme that cleaves amyloid precursor protein to produce amyloid beta peptide (A beta), a major component of the amyloid plaques found in the brains of Alzheimer's sufferers.

Background of the Invention

Alzheimer's disease (AD) is a progressive degenerative disease of the brain primarily associated with aging. Clinical presentation of AD is characterized by loss of memory, cognition, reasoning, judgment, and orientation. As the disease progresses, motor, sensory, and linguistic abilities are also affected until there is global impairment of multiple cognitive functions. These cognitive losses occur gradually, but typically lead to severe impairment and eventual death in the range of four to twelve years.

Alzheimer's disease is characterized by two major pathologic observations in the brain: neurofibrillary

predominantly of an aggregate of a peptide fragment know as A beta. Individuals with AD exhibit characteristic beta-amyloid deposits in the brain (beta amyloid plaques) and in cerebral blood vessels (beta amyloid angiopathy) as well as neurofibrillary tangles. Neurofibrillary tangles occur not only in Alzheimer's disease but also in other dementia-inducing disorders. On autopsy, large numbers of these lesions are generally found in areas of the human brain important for memory and cognition.

in more lesions these Smaller numbers of distribution are found in restricted anatomical brains of most aged humans who do not have clinical AD. Amyloidogenic plaques and vascular amyloid angiopathy also characterize the brains of individuals with Trisomy 21 (Down's Syndrome), Hereditary Cerebral Hemorrhage with Amyloidosis of the Dutch-Type (HCHWA-D), and other Beta-amyloid is a defining neurodegenerative disorders. feature of AD, now believed to be a causative precursor or factor in the development of disease. Deposition of A beta in areas of the brain responsible for cognitive activities is a major factor in the development of AD. Beta-amyloid plaques are predominantly composed amyloid beta peptide (A beta, also sometimes designated A beta peptide is derived by proteolysis of the amyloid precursor protein (APP) and is comprised of 39-42 Several proteases called secretases are amino acids. involved in the processing of APP.

Cleavage of APP at the N-terminus of the A beta peptide by beta-secretase and at the C-terminus by one or more gamma-secretases constitutes the beta-amyloidogenic pathway, i.e. the pathway by which A beta is formed. Cleavage of APP by alpha-secretase produces alpha-sAPP, a

secreted form of APP that does not result in beta-amyloid plaque formation. This alternate pathway precludes the formation of A beta peptide. A description of the proteolytic processing fragments of APP is found, for example, in U.S. Patent Nos. 5,441,870; 5,721,130; and 5,942,400.

An aspartyl protease has been identified as the enzyme responsible for processing of APP at the betasecretase cleavage site. The beta-secretase enzyme has been disclosed using varied nomenclature, including BACE, Asp, and Memapsin. See, for example, Sinha et al., 1999, Nature 402:537-554 (p501) and published PCT application WO00/17369.

Several lines of evidence indicate that progressive cerebral deposition of beta-amyloid peptide (A beta) plays a seminal role in the pathogenesis of AD and can precede cognitive symptoms by years or decades. See, for example, Selkoe, 1991, Neuron 6:487. Release of A beta from neuronal cells grown in culture and the presence of A beta in cerebrospinal fluid (CSF) of both normal individuals and AD patients has been demonstrated. See, for example, Seubert et al., 1992, Nature 359:325-327.

It has been proposed that A beta peptide accumulates as a result of APP processing by beta-secretase, thus inhibition of this enzyme's activity is desirable for the treatment of AD. In vivo processing of APP at the beta-secretase cleavage site is thought to be a rate-limiting step in A beta production, and is thus a therapeutic target for the treatment of AD. See for example, Sabbagh, M., et al., 1997, Alz. Dis. Rev. 3, 1-19.

BACE1 knockout mice fail to produce A beta, and present a normal phenotype. When crossed with transgenic mice that over express APP, the progeny show reduced

amounts of A beta in brain extracts as compared with control animals (Luo et al., 2001 Nature Neuroscience 4:231-232). This evidence further supports the proposal that inhibition of beta-secretase activity and reduction of A beta in the brain provides a therapeutic method for the treatment of AD and other beta amyloid disorders.

At present there are no effective treatments for halting, preventing, or reversing the progression of Alzheimer's disease. Therefore, there is an urgent need for pharmaceutical agents capable of slowing the progression of Alzheimer's disease and/or preventing it in the first place.

Compounds that are effective inhibitors of betasecretase, that inhibit beta-secretase-mediated cleavage
of APP, that are effective inhibitors of A beta
production, and/or are effective to reduce amyloid beta
deposits or plaques, are needed for the treatment and
prevention of disease characterized by amyloid beta
deposits or plaques, such as AD.

SUMMARY OF THE INVENTION

The invention encompasses the compounds of formula (AA), (I) and (X) shown below, pharmaceutical compositions containing the compounds and methods employing such compounds or compositions in the treatment of Alzheimer's disease and more specifically compounds that are capable of inhibiting beta-secretase, an enzyme that cleaves amyloid precursor protein to produce A-beta peptide, a major component of the amyloid plaques found in the brains of Alzheimer's sufferers.

In one aspect, the invention provides compounds of the formula AA:

$$H_2N$$
 R_1
 R_2
 R_3
 R_2
 R_3

and pharmaceutically acceptable salts thereof, wherein one of R_{N} and $R_{N}{}^{\prime}$ is hydrogen and

the other is
$$-C(=O) - (CRR')_{0-6}R_{100}$$
, $-C(=O) - (CRR')_{1-6} - O - R'_{100}$, $-C(=O) - (CRR')_{1-6} - S - R'_{100}$, $-C(=O) - (CRR')_{1-6} - C(=O) - R_{100}$, $-C(=O) - (CRR')_{1-6} - SO_2 - R_{100}$, $-C(=O) - (CRR')_{1-6} - NR_{100} - R'_{100}$, or $Y = \begin{pmatrix} CH_2 \end{pmatrix}_{n7} - CHC(O) - - CHC(O)$

wherein

wherein

 n_6 is 0, 1, 2, or 3; n_7 is 0, 1, 2, or 3;

 R_{4-1} is selected from the group consisting of $-SO_2-(C_1-C_8 \ alkyl)$, $-SO-(C_1-C_8 \ alkyl)$, $-S-(C_1-C_8 \ alkyl)$, $-S-CO-(C_1-C_6 \ alkyl)$, $-SO_2-NR_{4-2}R_{4-3}$; $-CO-C_1-C_2 \ alkyl$; $-CO-NR_{4-3}R_{4-4}$;

 R_{4-2} and R_{4-3} are independently H, C_1-C_3 alkyl, or C_3-C_6 cycloalkyl;

R₄₋₄ is alkyl, arylalkyl, alkanoyl, or arylalkanoyl;

 R_{4-6} is-H or C_1-C_6 alkyl;

 $\ensuremath{R_{5}}$ is selected from the group consisting of $\ensuremath{C_{3}\text{-}C_{7}}$ cycloalkyl; C_1 - C_6 alkyl optionally substituted with 1, 2, or 3 groups that are independently $C_1 - C_4$ alkoxy, $C_5 - C_6$ $-NR_6R_7$, halogen, heterocycloalkyl, C5-C6 heteroaryl, C6-C10 aryl, C_3-C_7 cycloalkyl. C_1-C_4 alkyl, $-S-C_1-C_4$ alkyl, $-SO_2-C_1-C_4$ alkyl, $-CO_2H$, $-CONR_6R_7$, $-CO_2-C_1-C_4$ alkyl, C_6 - C_{10} aryloxy; heteroaryl optionally substituted with 1, 2, or 3 groups that are independently C_1 - C_4 alkyl, C_1 - C_4 alkoxy, halogen, OH; heterocycloalkyl C_1-C_4 haloalkyl, or optionally substituted with 1, 2, or 3 groups that are independently C_1 - C_4 alkyl, C_1 - C_4 alkoxy, halogen, or C2-C4 alkanoyl; aryl optionally substituted with 1, 2, 3, or 4 groups that are independently halogen, OH, C_1 - C_4 alkyl, C_1 - C_4 alkoxy, or C_1 - C_4 haloalkyl; and -NR₆R₇; wherein R_6 and R_7 are independently selected from the group consisting of H, C1-C6 alkyl, C2-C6 alkanoyl, phenyl, $-SO_2-C_1-C_4$ alkyl, phenyl C_1-C_4 alkyl;

 R_8 is selected from the group consisting of $-SO_2$ -heteroaryl, $-SO_2$ -aryl, $-SO_2$ -heterocycloalkyl, $-SO_2$ - C_1 - C_{10} alkyl, $-C(O)\,NHR_9$, heterocycloalkyl, -S- C_1 - C_6 alkyl, -S- C_2 - C_4 alkanoyl, wherein R_9 is aryl C_1 - C_4 alkyl, C_1 - C_6 alkyl, or H; R_{50} is H or C_1 - C_6 alkyl;

 R_{51} is selected from the group consisting of aryl C_1 - C_4 alkyl; C_1 - C_6 alkyl optionally substituted with 1, 2, or 3 groups that are independently halogen, cyano, heteroaryl, $-NR_6R_7$, $-C(0)NR_6R_7$, C_3 - C_7 cycloalkyl, or $-C_1$ - C_4 alkoxy;

heterocycloalkyl optionally substituted with 1 or 2 groups that are independently C_1 - C_4 alkyl, C₁-C₄ alkoxy, halogen, C₂-C₄ alkanoyl, aryl C₁-C₄ alkyl, and -SO₂ C₁-C₄ alkyl; alkenyl; alkynyl; heteroaryl optionally substituted with 1, 2, or 3 groups that are independently OH, C1-C4 alkyl, C_1-C_4 alkoxy, halogen, NH_2 , $NH(C_1-C_6$ alkyl) or $N(C_1 - C_6)$ alkyl)(C₁-C₆ alkyl); heteroarylalkyl optionally substituted with 1, 2, or 3 groups that are independently C_1-C_4 alkyl, C_1-C_4 alkoxy, $NH(C_1-C_6 \quad alkyl)$ halogen, NH_2 , oralkyl)(C1-C6 alkyl); aryl; heterocycloalkyl; C3-C₈ cycloalkyl; and cycloalkylalkyl; wherein the aryl; heterocycloalkyl, C3-C8 cycloalkyl, and cycloalkylalkyl groups are optionally substituted with 1, 2, 3, 4 or 5 groups that are independently halogen, CN, NO2, C1-C6 alkyl, C_1-C_6 alkoxy, C_2-C_6 alkanoyl, C_1-C_6 haloalkyl, C_1- C₆ haloalkoxy, hydroxy, C₁-C₆ hydroxyalkyl, C₁-C₆ alkoxy C_1 - C_6 alkyl, C_1 - C_6 thioalkoxy, $C_1 - C_6$ thioalkoxy C_1 - C_6 alkyl, or C_1 - C_6 alkoxy C_1 - C_6 alkoxy;

R₅₂ is heterocycloalkyl, heteroaryl, aryl, cycloalkyl, $-S(O)_{0-2}-C_1-C_6$ alkyl, CO_2H , $-C(O)NH_2$, -C(O)NH(alkyl), -C(O)N(alkyl)(alkyl), $-CO_2-alkyl$, $-NHS(O)_{0-2}-C_1-C_6$ alkyl, $-N(alkyl)S(O)_{0-2}-C_1-C_6$ alkyl, $-S(O)_{0-2}-heteroaryl$, $-S(O)_{0-2}-aryl$, -N(alkyl)(arylalkyl), thioalkoxy, or alkoxy, each of which is optionally substituted with 1, 2, 3, 4, or 5 groups that are independently alkyl, alkoxy, thioalkoxy, halogen, haloalkyl, haloalkoxy,

alkanoyl, NO_2 , CN, alkoxycarbonyl, or aminocarbonyl;

- R₅₃ is absent, -O-, -C(O)-, -NH-, -N(alkyl)-, -NH- $S(O)_{0-2}-, -N(alkyl)-S(O)_{0-2}-, -S(O)_{0-2}-NH-, -S(O)_{0-2}-N(alkyl)-, -NH-C(S)-, or -N(alkyl)-C(S)-;$
- R₅₄ is heteroaryl, aryl, arylalkyl, heterocycloalkyl, CO₂H, -CO₂-alkyl, -C(O)NH(alkyl), -C(O)N(alkyl) (alkyl), -C(O)NH₂, C₁-C₈ alkyl, OH, aryloxy, alkoxy, arylalkoxy, NH₂, NH(alkyl), N(alkyl) (alkyl), or -C₁-C₆ alkyl-CO₂-C₁-C₆ alkyl, each of which is optionally substituted with 1, 2, 3, 4, or 5 groups that are independently alkyl, alkoxy, CO₂H, -CO₂-alkyl, thioalkoxy, halogen, haloalkyl, haloalkoxy, hydroxyalkyl, alkanoyl, NO₂, CN, alkoxycarbonyl, or aminocarbonyl;
- X is selected from the group consisting of $-C_1-C_6$ alkylidenyl optionally optionally substituted with 1, 2, or 3 methyl groups; and $-NR_{4-6}-$; or R_4 and R_{4-6} combine to form $-(CH_2)_{n10}-$, wherein n_{10} is 1, 2, 3, or 4;
- Z is selected from the group consisting of a bond; SO_2 ; SO_2 ; SO_3 ; and C(O);
- Y is selected from the group consisting of H; C₁-C₄ haloalkyl; C₅-C₆ heterocycloalkyl; C₆-C₁₀ aryl; OH; -N(Y₁)(Y₂); C₁-C₁₀ alkyl optionally substituted with 1 thru 3 substituents which can be the same or different and are selected from the group consisting of halogen, hydroxy, alkoxy, thioalkoxy, and haloalkoxy; C₃-C₈ cycloalkyl optionally substituted with 1, 2, or 3 groups independently selected from C₁-C₃ alkyl, and halogen; alkoxy; aryl optionally substituted with halogen, alkyl, alkoxy, CN or NO₂;

arylalkyl optionally substituted with halogen, alkyl, alkoxy, CN or NO_2 ; wherein

- Y_1 and Y_2 are the same or different and are H; C_1 - C_{10} alkyl optionally substituted with 1, 2, or 3 substituents selected from the group consisting of halogen, C_1 - C_4 alkoxy, C_3 - C_8 cycloalkyl, and OH; C_2 - C_6 alkenyl; C_2 - C_6 alkanoyl; phenyl; - SO_2 - C_1 - C_4 alkyl; phenyl C_1 - C_4 alkyl; or C_3 - C_8 cycloalkyl C_1 - C_4 alkyl; or
- Y₁, Y₂ and the nitrogen to which they are attached form a ring selected from the group consisting of piperazinyl, piperidinyl, morpholinyl, and pyrolidinyl, wherein each ring is optionally substituted with 1, 2, 3, or 4 groups that are independently C₁-C₆ alkyl, C₁-C₆ alkoxy, C₁-C₆ alkoxy C₁-C₆ alkyl, or halogen;
- R_1 is $-(CH_2)_{1-2}-S(O)_{0-2}-(C_1-C_6 \text{ alkyl})$, or
 - C_1 - C_{10} alkyl optionally substituted with 1, 2, or 3 groups independently selected from halogen, OH, =0, -SH, -C \equiv N, -CF $_3$, -C $_1$ -C $_3$ alkoxy, amino, monoor dialkylamino, -N(R)C(O)R'-, -OC(=O)-amino and -OC(=O)-mono- or dialkylamino, or
 - C_2 - C_6 alkenyl or C_2 - C_6 alkynyl, each of which is optionally substituted with 1, 2, or 3 groups independently selected from halogen, -OH, -SH, -C=N, -CF₃, C_1 - C_3 alkoxy, amino, and mono- or dialkylamino, or
 - aryl, heteroaryl, heterocyclyl, -C₁-C₆ alkyl-aryl, -C₁-C₆ alkyl-heteroaryl, or -C₁-C₆ alkyl-heterocyclyl, where the ring portions of each are optionally substituted with 1, 2, 3, or 4 groups independently selected from halogen, -OH, -SH, -C=N, -NR₁₀₅R'₁₀₅, -CO₂R, -N(R)COR', or

 $-N(R)SO_2R'$, $-C(=O)-(C_1-C_4)$ alkyl, $-SO_2$ -amino, $-SO_2$ -mono or dialkylamino, -C(=O)-amino, -C(=O)-mono or dialkylamino, $-SO_2-(C_1-C_4)$ alkyl, or

- $-C_1-C_6$ alkoxy optionally substituted with 1, 2, or 3 groups which are independently a halogen, or
- C_3 - C_7 cycloalkyl optionally substituted with 1, 2, or 3 groups independently selected from halogen, -OH, -SH, -C \equiv N, -CF $_3$, C_1 - C_3 alkoxy, amino, - C_1 - C_6 alkyl and mono- or dialkylamino, or
- C_1 - C_{10} alkyl optionally substituted with 1, 2, or 3 groups independently selected from halogen, -OH, -SH, -C \equiv N, -CF $_3$, - C_1 - C_3 alkoxy, amino, mono- or dialkylamino and - C_1 - C_3 alkyl, or
- C_2 - C_{10} alkenyl or C_2 - C_{10} alkynyl each of which is optionally substituted with 1, 2, or 3 groups independently selected from halogen, -OH, -SH, -C \equiv N, -CF $_3$, C_1 - C_3 alkoxy, amino, C_1 - C_6 alkyl and mono- or dialkylamino; and
- the heterocyclyl group is optionally further substituted with oxo;

R and R' independently are hydrogen or C_1-C_{10} alkyl;

 R_2 is selected from the group consisting of H; C_1 - C_6 alkyl, optionally substituted with 1, 2, or 3 substituents that are independently selected from the group consisting of C_1 - C_3 alkyl, halogen, -OH, -SH, -C \equiv N, -CF $_3$, C_1 - C_3 alkoxy, and -NR $_{1-a}$ R $_{1-b}$; wherein R_{1-a} and R_{1-b} are -H or C_1 - C_6 alkyl;

-(CH₂)₀₋₄-aryl; -(CH₂)₀₋₄-heteroaryl; C₂-C₆ alkenyl; C₂-C₆ alkynyl; -CONR_{N-2}R_{N-3}; -SO₂NR_{N-2}R_{N-3}; -CO₂H; and -CO₂-(C₁-C₄ alkyl);

- R_3 is selected from the group consisting of H; $C_1\text{-}C_6$ alkyl, optionally substituted with 1, 2, or 3 substituents independently selected from the group consisting of $C_1\text{-}C_3$ alkyl, halogen, -OH, -SH, -C=N, -CF_3, $C_1\text{-}C_3$ alkoxy, and -NR_{1-a}R_{1-b}; -(CH_2)_{0-4}\text{-aryl}; (CH_2)_{0-4}\text{-heteroaryl}; $C_2\text{-}C_6$ alkenyl; $C_2\text{-}C_6$ alkynyl; -CO-NR_{N-2}R_{N-3}; -SO_2-NR_{N-2}R_{N-3}; -CO_2H; and CO-O-(C_1-C_4 alkyl); or
- R_2 , R_3 and the carbon to which they are attached form a carbocycle of three thru seven carbon atoms, wherein one carbon atom is optionally replaced by a group selected from-O-, -S-, -SO₂-, or -NR_{N-2}-;
- R_C is selected from the group consisting of C₁-C₁₀ alkyl optionally substituted with 1, 2, or 3 groups independently selected from the group consisting of R_{205} , $-OC=ONR_{235}R_{240}$, $-S(=O)_{0-2}(C_1-C_6 \text{ alkyl})$, -SH, $-NR_{235}C=ONR_{235}R_{240}$, $-C=ONR_{235}R_{240}$, and $-S(=O)_2NR_{235}R_{240}$; $-(CH_2)_{0-3}-(C_3-C_8)$ cycloalkyl wherein the cycloalkyl is optionally substituted with 1, 2, or 3 groups independently selected from the group consisting of R_{205} , $-CO_2H$, and $-CO_2-(C_1-C_4 \text{ alkyl})$; $-(CR_{245}R_{250})_{0-4}-\text{aryl}$; - $(CR_{245}R_{250})_{0-4}$ -heteroaryl; - $(CR_{245}R_{250})_{0-4}$ heterocycloalkyl; -(CR₂₄₅R₂₅₀)₀₋₄-aryl-heteroaryl; - $(CR_{245}R_{250})_{0-4}$ -aryl-heterocycloalkyl; $-(CR_{245}R_{250})_{0-4}$ aryl-aryl; $-(CR_{245}R_{250})_{0-4}$ -heteroaryl-aryl; $-(CR_{245}R_{250})_{0-4}$ 4-heteroaryl-heterocycloalkyl; -(CR245R250)0-4heteroaryl-heteroaryl; $-(CR_{245}R_{250})_{0-4}$ heterocycloalkyl-heteroaryl; -(CR₂₄₅R₂₅₀)₀₋₄heterocycloalkyl-heterocycloalkyl; $-(CR_{245}R_{250})_{0-4}$ -

heterocycloalkyl-aryl; -[$C(R_{255})(R_{260})$]₁₋₃-CO-N-(R_{255})₂; -CH(aryl)₂; -CH(heteroaryl)₂; -CH(heterocycloalkyl)₂; -CH(aryl) (heteroaryl); cyclopentyl, cyclohexyl, or cycloheptyl ring fused to aryl, heteroaryl, or heterocycloalkyl wherein one carbon of the cyclopentyl, cyclohexyl, or cycloheptyl is optionally replaced with NH, NR_{215} , O, or $S(=0)_{0-2}$, and wherein the cyclopentyl, cyclohexyl, or cycloheptyl group can be optionally substituted with 1 or 2 groups that are independently R₂₀₅ or =0; -CO- $NR_{235}R_{240}$; $-SO_2$ -(C_1 - C_4 alkyl); C_2 - C_{10} alkenyl optionally substituted with 1, 2, or 3 R_{205} groups; $C_2\text{-}C_{10}$ alkynyl optionally substituted with 1, 2, or 3 R_{205} groups; $-(CH_2)_{0-1}-CH((CH_2)_{0-6}-OH)-(CH_2)_{0-1}-aryl; -(CH_2)_{0-1}$ $_1$ -CHR_{C-6}-(CH₂) $_{0-1}$ -heteroaryl; -CH(-aryl or -heteroaryl)-CO-O(C_1 - C_4 alkyl); -CH(-CH₂-OH)-CH(OH)phenyl- NO_2 ; (C_1 - C_6 alkyl)-O-(C_1 - C_6 alkyl)-OH; -CH₂-NH- $CH_2-CH(-O-CH_2-CH_3)_2$; -H; and -(CH_2)₀₋₆- $C(=NR_{235})(NR_{235}R_{240})$; wherein each aryl is optionally substituted with 1, 2, or 3 R₂₀₀; each heteroaryl is optionally substituted with 1, 2, 3, or $4 R_{200}$; each heterocycloalkyl is optionally substituted with 1, 2, 3, or 4 R_{210} ; at each occurrence is independently selected R_{200} group consisting of C₁-C₆ alkyl the from

R₂₀₀ at each occurrence is independently selected from the group consisting of C_1 - C_6 alkyl optionally substituted with 1, 2, or 3 R₂₀₅ groups; OH; -NO₂; halogen; -CO₂H; C=N; -(CH₂)₀₋₄-CO-NR₂₂₀R₂₂₅; -(CH₂)₀₋₄-CO-(C₁-C₁₂ alkyl); -(CH₂)₀₋₄-CO-(C₂-C₁₂ alkenyl); -(CH₂)₀₋₄-CO-(C₂-C₁₂ alkynyl); -(CH₂)₀₋₄-CO-(C₃-C₇ cycloalkyl); -(CH₂)₀₋₄-CO-aryl; -(CH₂)₀₋₄-CO-heteroaryl; -(CH₂)₀₋₄-CO-

heterocycloalkyl; - $(CH_2)_{0-4}$ - CO_2R_{215} ; $-(CH_2)_{0-4}-SO_2 NR_{220}R_{225}$; -(CH₂)₀₋₄-SO-(C₁-C₈ alkyl); -(CH₂)₀₋₄-SO₂- $(C_1-C_{12} \text{ alkyl}); -(CH_2)_{0-4}-SO_2-(C_3-C_7 \text{ cycloalkyl}); (CH_2)_{0-4}-N(H \text{ or } R_{215})-CO_2R_{215}; -(CH_2)_{0-4}-N(H \text{ or } R_{215})$ R_{215}) -CO-N $(R_{215})_2$; - $(CH_2)_{0-4}$ -N-CS-N $(R_{215})_2$; - $(CH_2)_{0-4}$ - $N(-H \text{ or } R_{215}) - CO - R_{220}; - (CH_2)_{0-4} - NR_{220}R_{225}; - (CH_2)_{0-4} O-CO-(C_1-C_6 \quad alkyl);$ -(CH₂)₀₋₄-O-P(O)-(OR₂₄₀)₂; $-(CH_2)_{0-4}-O-CO-N(R_{215})_2$, $-(CH_2)_{0-4}-O-CS-N(R_{215})_2$; - $(CH_2)_{0-4}-O-(R_{215})_2;$ $-(CH_2)_{0-4}-O-(R_{215})_2-COOH;$ $-(CH_2)_{0-4}-O-(R_{215})_2$ $_{4}$ -S- $(R_{215})_{2}$; - $(CH_{2})_{0-4}$ -O- $(C_{1}$ - C_{6} alkyl optionally substituted with 1, 2, 3, or 5 -F); C_3-C_7 cycloalkyl; C2-C6 alkenyl optionally substituted with 1 or 2 R₂₀₅ groups; C₂-C₆ alkynyl optionally substituted with 1 or 2 R_{205} groups; - $(CH_2)_{0-4}$ -N(H or R_{215}) -SO₂- R_{220} ; and -(CH₂)₀₋₄- C₃-C₇ cycloalkyl; wherein each aryl group at each occurrence is optionally substituted with 1, 2, or 3 groups that are independently R205, R210 or C_1 - C_6 alkyl substituted with 1, 2, or 3 groups that are independently R_{205} or R_{210} ; wherein each heterocycloalkyl group at each occurrence is optionally substituted with 1, 2, or 3 groups that are independently

wherein each heteroaryl group at each occurrence is optionally substituted with 1, 2, or 3 groups that are independently R_{205} , R_{210} , or C_1 - C_6 alkyl substituted with 1, 2, or 3 groups that are independently R_{205} or R_{210} ;

 R_{205} at each occurrence is independently selected from the group consisting of C_1 - C_6 alkyl, halogen, -OH, -O-phenyl, -SH, -C \equiv N, -CF₃, C_1 - C_6

alkoxy, NH_2 , $NH(C_1-C_6$ alkyl), and $N-(C_1-C_6$ alkyl);

 R_{215} at each occurrence is independently selected from the group consisting of C_1 - C_6 alkyl, - $(CH_2)_{0-2}$ -(aryl), C_2 - C_6 alkenyl, C_2 - C_6 alkynyl, C_3 cycloalkyl, and $-(CH_2)_{0-2}-(heteroaryl)$, -(CH_2)₀₋₂-(heterocycloalkyl); wherein the each occurrence is optionally. at substituted with 1, 2, or 3 groups that are independently R₂₀₅ or R₂₁₀; wherein heterocycloalkyl group at each occurrence is optionally substituted with 1, 2, or 3 R_{210} ; each group at wherein each heteroaryl occurrence is optionally substituted with 1, 2, or 3 R_{210} ;

 R_{220} and R_{225} at each occurrence are independently selected from the group consisting of -H, -C₁-C₆ alkyl, hydroxy C₁-C₆ alkyl, amino C₁-C₆ alkyl; halo C₁-C₆ alkyl; -C₃-C₇ cycloalkyl, -(C₁-C₂ alkyl)-(C₃-C₇ cycloalkyl), -(C₁-C₆ alkyl)-O-(C₁-C₃ alkyl), -C₂-C₆ alkenyl, -C₂-C₆ alkynyl, -C₁-C₆ alkyl chain with one double bond and one triple

bond, -aryl, -heteroaryl, and -heterocycloalkyl; wherein the aryl group at each occurrence is optionally substituted with 1, 2, or 3 R_{270} groups, wherein

 R_{270} at each occurrence is independently R_{205} , C_1 - C_6 alkyl optionally substituted with 1, 2, or 3 R₂₀₅ groups; C₂-C₆ alkenyl optionally substituted with 1, 2, or 3 R_{205} groups; C_2 - C_6 alkynyl optionally substituted with 1, 2, or 3 R_{205} groups; halogen; C₁-C₆ alkoxy; C₁-C₆ haloalkoxy; $NR_{235}R_{240}$; OH; C $\equiv N$; C $_3$ -C $_7$ cycloalkyl optionally substituted with 1, 2, or 3 R_{205} groups; -CO-(C_1 - C_4 alkyl); $_-SO_2-NR_{235}R_{240}$; $_-CO-NR_{235}R_{240}$; $_-SO_2-(C_1-C_4)$ alkyl); and =0; wherein the heterocycloalkyl group at each occurrence is optionally substituted with 1, 2, or 3 R₂₀₅ groups; wherein each heteroaryl group at each occurrence is optionally substituted with 1, 2, or 3 R_{205} groups;

 R_{235} and R_{240} at each occurrence are independently H, or $C_1\text{--}C_6$ alkyl;

 R_{245} and R_{250} at each occurrence are independently selected from the group consisting of H, C_1 - C_4 alkyl, C_1 - C_4 hydroxyalkyl, C_1 - C_4 alkoxy, C_1 - C_4 haloalkoxy, -(C_1 - C_4 - C_3 - C_7 cycloalkyl, C_2 - C_6 alkenyl, C_2 - C_6 alkynyl, aryl C_1 - C_4 alkyl, heteroaryl C_1 - C_4 alkyl, and phenyl; or

 R_{245} and R_{250} are taken together with the carbon to which they are attached to form a carbocycle of 3, 4, 5, 6, or 7 carbon atoms, optionally where one carbon atom is replaced by a heteroatom selected from the group consisting of -O-, -S-, - SO_2 -, and - NR_{220} -;

 R_{255} and R_{260} at each occurrence are independently selected from the group consisting of H; $C_1 - C_6$ alkyl optionally substituted with 1, 2, or 3 R_{205} groups; C_2 - C_6 alkenyl optionally substituted with 1, 2, or 3 R_{205} groups; C_2 - C_6 alkynyl optionally substituted with 1, 2, or 3 $R_{\rm 205}$ groups; $-(CH_2)_{1-2}-S(O)_{0-2}-(C_1-C_6 \text{ alkyl}); -(CH_2)_{0-4} C_3$ - C_7 cycloalkyl optionally substituted with 1, 2, or 3 R_{205} groups; -(C_1 - C_4 alkyl)-aryl; -(C_1 - C_4 alkyl) -- (C₁-C₄ alkyl)-heteroaryl; -aryl; -heteroaryl; heterocycloalkyl; $_{-}(CH_{2})_{1-4}-R_{265}-(CH_{2})_{0-4}-aryl;$ -heterocycloalkyl; - $(CH_2)_{1-4}$ - R_{265} - $(CH_2)_{0-4}$ -heteroaryl; and; - $(CH_2)_{1-4}$ - R_{265} -(CH₂)₀₋₄-heterocycloalkyl; wherein R_{265} at each occurrence is independently -O-, -S- or $-N(C_1-C_6 \text{ alkyl})$ -; each aryl or phenyl is optionally substituted are 2, or 3 groups that with 1, independently $R_{205},\ R_{210},\ or\ C_1\text{--}C_6$ alkyl substituted with 1, 2, or 3 groups that

are independently R_{205} or R_{210} ; each heteroaryl is optionally substituted with 1, 2, 3, or 4 R_{200} , each heterocycloalkyl is optionally substituted with 1, 2, 3, or 4 R_{210} ;

R₁₀₀ and R'₁₀₀ independently represent aryl, heteroaryl, heterocyclyl, -aryl-W-aryl, -aryl-W-heteroaryl, -aryl-W-heterocyclyl, -heteroaryl-W-aryl, -heteroaryl-W-heteroaryl, heterocyclyl, -heterocyclyl-W-aryl, -heterocyclyl-W-heterocyclyl, -CH[(CH₂)₀₋₂-O-R₁₅₀]-(CH₂)₀₋₂-aryl, -CH[(CH₂)₀₋₂-O-R₁₅₀]-(CH₂)₀₋₂-heterocyclyl or -CH[(CH₂)₀₋₂-O-R₁₅₀]-(CH₂)₀₋₂-heteroaryl, where the ring portions of each are

optionally substituted with 1, 2, or 3 groups independently selected from

-OR, $-NO_2$, C_1-C_6 alkyl, halogen, $-C\equiv N$, $-OCF_3$, $-CF_3$, - $(CH_2)_{0-4}-O-P(=O)(OR)(OR')$, $-(CH_2)_{0-4}-CO-NR_{105}R'_{105}$, $-(CH_2)_{0-4}-O-(CH_2)_{0-4}-CONR_{102}R_{102}'$ $-(CH_2)_{0-4}-CO-(C_1-C_{12})_{0-4}$ alkyl), $-(CH_2)_{0-4}-CO-(C_2-C_{12} \text{ alkenyl})$, $-(CH_2)_{0-4} CO-(C_2-C_{12} \quad alkynyl), \quad -(CH_2)_{0-4}-CO-(CH_2)_{0-4}(C_3-C_7).$ cycloalkyl), $-(CH_2)_{0-4}-R_{110}$ $-(CH_2)_{0-4}-R_{120}$ $-(CH_2)_{0-4}-R_{130}$, $-(CH_2)_{0-4}-CO-R_{110}$, $-(CH_2)_{0-4}-CO-R_{120}$, R_{150} , $-(CH_2)_{0-4}-SO_2-NR_{105}R'_{105}$, $-(CH_2)_{0-4}-SO_-(C_1-C_8)$ alkyl), $-(CH_2)_{0-4}-SO_{2-}(C_1-C_{12} \text{ alkyl})$, $-(CH_2)_{0-4}-SO_{2-}$ $(CH_2)_{0-4}$ - $(C_3$ - C_7 cycloalkyl), - $(CH_2)_{0-4}$ - $N(R_{150})$ - CO - O --(CH₂)₀₋₄-N(R₁₅₀)-CO-N(R₁₅₀)₂, -(CH₂)₀₋₄- R_{150} , $N(R_{150}) - CS - N(R_{150})_{2}$ $-(CH_2)_{0-4}-N(R_{150})-CO-R_{105}$ $-(CH_2)_{0-4}-NR_{105}R'_{105}$, $-(CH_2)_{0-4}-R_{140}$, $-(CH_2)_{0-4}-O-CO (C_1-C_6 \text{ alkyl})$, $-(CH_2)_{0-4}-O-P(O)-(O-R_{110})_2$, $-(CH_2)_{0-1}$ $_{4}$ -O-CO-N(R_{150})₂, -(CH_{2})₀₋₄-O-CS-N(R_{150})₂, -(CH_{2})₀₋₄- $O-(R_{150})$, $-(CH_2)_{0-4}-O-R_{150}'-COOH$, $-(CH_2)_{0-4}-S-(R_{150})$, $-(CH_2)_{0-4}-N(R_{150})-SO_2-R_{105}$ - (CH₂)₀₋₄- $C_3 - C_7$ cycloalkyl, (C_2-C_{10}) alkenyl, and (C2- C_{10}) alkynyl, or

 R_{100} is $C_1\text{-}C_{10}$ alkyl optionally substituted with 1, 2, or 3 R_{115} groups, or

 R_{100} is $-(C_1-C_6 \text{ alkyl})-O-C_1-C_6 \text{ alkyl})$ or $-(C_1-C_6 \text{ alkyl})-S-(C_1-C_6 \text{ alkyl})$, each of which is optionally substituted with 1, 2, or 3 R_{115} groups, or

 R_{100} is C_3 - C_8 cycloalkyl optionally substituted with 1, 2, or 3 R_{115} groups;

W is $-(CH_2)_{0-4}-$, -O-, $-S(O)_{0-2}-$, $-N(R_{135})-$, -CR(OH)- or -C(O)-;

 R_{102} and R_{102} ' independently are hydrogen, or

 C_1 - C_{10} alkyl optionally substituted with 1, 2, or 3 groups that are independently halogen, aryl or - R_{110} ;

- R_{105} and R'_{105} independently represent -H, -R_{110}, -R_{120}, C_3-C_7 cycloalkyl, -(C_1-C_2 alkyl)-(C_3-C_7 cycloalkyl), -(C_1-C_6 alkyl)-O-(C_1-C_3 alkyl), C_2-C_6 alkenyl, C_2-C_6 alkynyl, or C_1-C_6 alkyl chain with one double bond and one triple bond, or
 - $C_1\text{-}C_6$ alkyl optionally substituted with -OH or -NH $_2$; or,
 - $C_1\text{-}C_6$ alkyl optionally substituted with 1, 2, or 3 groups independently selected from halogen, or
- R_{105} and R'_{105} together with the atom to which they are attached form a 3 to 7 membered carbocylic ring, where one member is optionally a heteratom selected from -O-, $-S(O)_{O-2}$ -, $-N(R_{135})$ -, the ring being optionally substituted with 1, 2 or 3 independently selected R_{140} groups;
- R_{115} at each occurrence is independently halogen, -OH, $-CO_2R_{102}$, $-C_1-C_6$ thioalkoxy, $-CO_2$ -phenyl, $-NR_{105}R'_{135}$, $-SO_2-(C_1-C_8 \quad alkyl), \quad -C(=0)R_{180}, \quad R_{180},$ -CONR₁₀₅R'₁₀₅, $-SO_2NR_{105}R'_{105}$, $-NH-CO-(C_1-C_6 alkyl)$, -NH-C(=O)-OH, --NH-C(=O)-O-phenyl, $-0-C(=0)-(C_1-C_6)$ NH-C(=O)-OR, -O-C(=O)-mono--O-C(=O)-amino, alkyl), dialkylamino, -O-C(=0)-phenyl, -O-(C_1 - C_6 alkyl)- CO_2H , alkyl), C_1 - C_6 alkoxy or C_1-C_6 $-NH-SO_2-(C_1-C_6)$ haloalkoxy;
- R_{140} is heterocyclyl optionally substituted with 1, 2, 3, or 4 groups independently selected from C_1 - C_6 alkyl, C_1 - C_6 alkoxy, halogen, hydroxy, cyano, nitro, amino,

mono (C_1-C_6) alkylamino, di (C_1-C_6) alkylamino, C_2-C_6 alkenyl, C_2-C_6 alkynyl, C_1-C_6 haloalkyl, C_1-C_6 haloalkoxy, amino (C_1-C_6) alkyl, mono (C_1-C_6) alkylamino (C_1-C_6) alkyl, di (C_1-C_6) alkylamino (C_1-C_6) alkyl, and =0;

 R_{145} is C_1 - C_6 alkyl or CF_3 ;

- R_{150} is hydrogen, $C_3\text{-}C_7$ cycloalkyl, $\text{-}(C_1\text{-}C_2 \text{ alkyl})\text{-}(C_3\text{-}C_7 \text{ cycloalkyl}), C_2\text{-}C_6 \text{ alkenyl}, C_2\text{-}C_6 \text{ alkynyl}, C_1\text{-}C_6 \text{ alkyl}$ with one double bond and one triple bond, $\text{-}R_{110}$, R_{120} , or
 - C_1 - C_6 alkyl optionally substituted with 1, 2, 3, or 4 groups independently selected from -OH, -NH₂, C_1 - C_3 alkoxy, R_{110} , and halogen;
- $R_{150}{}^{\prime}$ is $C_3\text{-}C_7$ cycloalkyl, $-(C_1\text{-}C_3$ alkyl)- $(C_3\text{-}C_7$ cycloalkyl), $C_2\text{-}C_6$ alkenyl, $C_2\text{-}C_6$ alkynyl, $C_1\text{-}C_6$ alkyl with one double bond and one triple bond, $-R_{110}$, R_{120} , or
 - C_1 - C_6 alkyl optionally substituted with 1, 2, 3, or 4 groups independently selected from -OH, -NH₂, C_1 - C_3 alkoxy, R_{110} , and halogen;
- R_{155} is C_3 - C_7 cycloalkyl, $-(C_1$ - C_2 alkyl)- $(C_3$ - C_7 cycloalkyl), C_2 - C_6 alkenyl, C_2 - C_6 alkynyl, C_1 - C_6 alkyl with one double bond and one triple bond, $-R_{110}$, $-R_{120}$, or C_1 - C_6 alkyl optionally substituted with 1, 2, 3, or 4 groups independently selected from -OH, $-NH_2$, C_1 - C_3 alkoxy, and halogen;
- selected R₁₈₀ is from morpholinyl, thiomorpholinyl, piperazinyl, piperidinyl, homomorpholinyl, homothiomorpholinyl, homothiomorpholinyl S-oxide, homothiomorpholinyl S,S-dioxide, pyrrolinyl pyrrolidinyl, each of which is optionally substituted with 1, 2, 3, or 4 groups independently selected from C1-C6 alkyl, C1-C6 alkoxy, halogen,

hydroxy, cyano, nitro, amino, mono (C_1-C_6) alkylamino, di (C_1-C_6) alkylamino, C_2-C_6 alkenyl, C_2-C_6 alkynyl, C_1-C_6 haloalkyl, C_1-C_6 haloalkoxy, amino (C_1-C_6) alkyl, mono (C_1-C_6) alkylamino (C_1-C_6) alkyl, di (C_1-C_6) alkylamino (C_1-C_6) alkyl, and =0;

 R_{110} is aryl optionally substituted with 1 or 2 R_{125} groups;

 R_{125} at each occurrence is independently halogen, amino, mono- or dialkylamino, -OH, -C \equiv N, -SO₂-NH₂, -SO₂-NH-C₁-C₆ alkyl, -SO₂-N(C₁-C₆ alkyl)₂, -SO₂-(C₁-C₄ alkyl), -CO-NH₂, -CO-NH-C₁-C₆ alkyl, or -CO-N(C₁-C₆ alkyl)₂, or

 C_1-C_6 alkyl, C_2-C_6 alkenyl or C_2-C_6 alkynyl, each of which is optionally substituted with 1, 2, or 3 groups that are independently selected from C_1-C_3 alkyl, halogen, -OH, -SH, -C \equiv N, -CF $_3$, C_1-C_3 alkoxy, amino, and mono- and dialkylamino, or

 $C_1\text{-}C_6$ alkoxy optionally substituted with one, two or three of halogen;

 R_{120} is heteroaryl, which is optionally substituted with 1 or 2 R_{125} groups; and

 R_{130} is heterocyclyl optionally substituted with 1 or 2 $$R_{125}$$ groups.

The invention also provides compounds of the formula I:

and pharmaceutically acceptable salts thereof, wherein R_1 , R_2 , R_3 , and R_C are as defined for formula (AA), and

$$\begin{array}{c} R_N \text{ is } -C \, (=\!O) - (CRR')_{\,\,0-6} R_{100}, \,\, -C \, (=\!O) - (CRR')_{\,\,1-6} - O - R'_{\,\,100}, \,\, -C \, (=\!O) - (CRR')_{\,\,1-6} - C \, (=\!O) - R_{100}, \\ -C \, (=\!O) - (CRR')_{\,\,1-6} - SO_2 - R_{100}, \,\, -C \, (=\!O) - (CRR')_{\,\,1-6} - NR_{100} - R'_{\,\,100}, \\ -C \, (=\!O) - (CRR')_{\,\,1-6} - SO_2 - R_{100}, \,\, -C \, (=\!O) - (CRR')_{\,\,1-6} - NR_{100} - R'_{\,\,100}, \\ -C \, (=\!O) - (CRR')_{\,\,1-6} - SO_2 - R_{100}, \,\, -C \, (=\!O) - (CRR')_{\,\,1-6} - NR_{100} - R'_{\,\,100}, \\ -C \, (=\!O) - (CRR')_{\,\,1-6} - SO_2 - R_{100}, \,\, -C \, (=\!O) - (CRR')_{\,\,1-6} - NR_{100} - R'_{\,\,100}, \\ -C \, (=\!O) - (CRR')_{\,\,1-6} - SO_2 - R_{100}, \,\, -C \, (=\!O) - (CRR')_{\,\,1-6} - NR_{100} - R'_{\,\,100}, \\ -C \, (=\!O) - (CRR')_{\,\,1-6} - SO_2 - R_{100}, \,\, -C \, (=\!O) - (CRR')_{\,\,1-6} - NR_{100} - R'_{\,\,100}, \\ -C \, (=\!O) - (CRR')_{\,\,1-6} - SO_2 - R_{100}, \,\, -C \, (=\!O) - (CRR')_{\,\,1-6} - NR_{100} - R'_{\,\,100}, \\ -C \, (=\!O) - (CRR')_{\,\,1-6} - SO_2 - R_{100}, \,\, -C \, (=\!O) - (CRR')_{\,\,1-6} - NR_{100} - R'_{\,\,100}, \\ -C \, (=\!O) - (CRR')_{\,\,1-6} - SO_2 - R_{100}, \,\, -C \, (=\!O) - (CRR')_{\,\,1-6} - NR_{100} - R'_{\,\,100}, \\ -C \, (=\!O) - (CRR')_{\,\,1-6} - SO_2 - R_{100}, \,\, -C \, (=\!O) - (CRR')_{\,\,1-6} - NR_{100} - R'_{\,\,100}, \\ -C \, (=\!O) - (CRR')_{\,\,1-6} - SO_2 - R_{100}, \,\, -C \, (=\!O) - (CRR')_{\,\,1-6} - NR_{100} - R'_{\,\,100}, \\ -C \, (=\!O) - (CRR')_{\,\,1-6} - SO_2 - R_{100}, \,\, -C \, (=\!O) - (CRR')_{\,\,1-6} - NR_{100} - R'_{\,\,100}, \\ -C \, (=\!O) - (CRR')_{\,\,1-6} - SO_2 - R_{100}, \,\, -C \, (=\!O) - (CRR')_{\,\,1-6} - NR_{100} - R'_{\,\,100}, \\ -C \, (=\!O) - (CRR')_{\,\,1-6} - SO_2 - R_{100}, \,\, -C \, (=\!O) - (CRR')_{\,\,1-6} - NR_{100} - R'_{\,\,100}, \\ -C \, (=\!O) - (CRR')_{\,\,1-6} - SO_2 - R_{100}, \,\, -C \, (=\!O) - (CRR')_{\,\,1-6} - NR_{100} - R'_{\,\,100}, \\ -C \, (=\!O) - (CRR')_{\,\,1-6} - SO_2 - R_{100}, \,\, -C \, (=\!O) - (CRR')_{\,\,1-6} - NR_{100} - R'_{\,\,100}, \\ -C \, (=\!O) - (CRR')_{\,\,1-6} - SO_2 - R_{100}, \,\, -C \, (=\!O) - (CRR')_{\,\,1-6} - NR_{100} - R'_{\,\,100}, \\ -C \, (=\!O) - (CRR')_{\,\,1-6} - SO_2 - R_{100}, \,\, -C \, (=\!O) - (CRR')_{\,\,1-6} - NR_{100} - R'_{\,\,100}, \\ -C \, (=\!O) -$$

wherein

> n₆ is 0, 1, 2, or 3; n₇ is 0, 1, 2, or 3;

 $R_{4\text{--}2}$ and $R_{4\text{--}3}$ are independently H, $C_1\text{--}C_3$ alkyl, or $C_3\text{--}C_6$ cycloalkyl;

 $R_{4\text{--}4}$ is alkyl, arylalkyl, alkanoyl, or arylalkanoyl; $R_{4\text{--}6} \text{ is-H or } C_1\text{--}C_6 \text{ alkyl};$

 R_5 is selected from the group consisting of C_3 - C_7 cycloalkyl; C_1 - C_6 alkyl optionally substituted with 1, 2, or 3 groups that are independently halogen, $-NR_6R_7$, C_1 - C_4 alkoxy, C_5 - C_6

heterocycloalkyl, C_5-C_6 heteroaryl, C_6-C_{10} aryl, C_3-C_7 cycloalkyl C_1-C_4 alkyl, $-S-C_1-C_4$ alkyl, $-SO_2-C_1-C_4 \quad \text{alkyl}, \quad -CO_2H, \quad -CONR_6R_7, \quad -CO_2-C_1-C_4$ alkyl, C_6-C_{10} aryloxy; heteroaryl optionally substituted with 1, 2, or 3 groups that are independently C_1 - C_4 alkyl, C_1 - C_4 alkoxy, halogen, OH; heterocycloalkyl or haloalkyl, $C_1 - C_4$ optionally substituted with 1, 2, or 3 groups that are independently C_1-C_4 alkyl, C_1-C_4 alkoxy, halogen, or C_2 - C_4 alkanoyl; aryl optionally substituted with 1, 2, 3, or 4 groups that are independently halogen, OH, C_1 - C_4 alkyl, C_1 - C_4 alkoxy, or C_1 - C_4 haloalkyl; and -NR₆R₇; wherein R_{6} and R_{7} are independently selected from the group consisting of H, C_1 - C_6 alkyl, C_2 - C_6 alkanoyl, phenyl, $-SO_2-C_1-C_4$ alkyl, phenyl C_1-C_4 alkyl;

R₈ is selected from the group consisting of $-SO_2$ -heteroaryl, $-SO_2$ -aryl, $-SO_2$ -heterocycloalkyl, $-SO_2$ -C₁-C₁₀ alkyl, $-C(O)NHR_9$, heterocycloalkyl, -S-C₁-C₆ alkyl, -S-C₂-C₄ alkanoyl, wherein R₉ is aryl C₁-C₄ alkyl, C₁-C₆ alkyl, or H; R₅₀ is H or C₁-C₆ alkyl;

 R_{51} is selected from the group consisting of aryl C_1 - C_4 alkyl; C_1 - C_6 alkyl optionally substituted with 1, 2, or 3 groups that are independently halogen, cyano, heteroaryl, $-NR_6R_7$, $-C(0)NR_6R_7$, C_3 - C_7 cycloalkyl, or $-C_1$ - C_4 alkoxy; heterocycloalkyl optionally substituted with 1 or 2 groups that are independently C_1 - C_4 alkyl, C_1 - C_4 alkoxy, halogen, C_2 - C_4 alkanoyl, aryl C_1 - C_4 alkyl, and $-SO_2$ C_1 - C_4 alkyl; alkenyl; alkynyl; heteroaryl optionally substituted with 1, 2, or

3 groups that are independently OH, C1-C4 alkyl, C_1-C_4 alkoxy, halogen, NH_2 , $NH(C_1-C_6$ alkyl) or alkyl)(C₁-C₆ alkyl); heteroarylalkyl $N(C_1-C_6)$ optionally substituted with 1, 2, or 3 groups that are independently C₁-C₄ alkyl, C₁-C₄ alkoxy, halogen, NH_2 , $NH(C_1-C_6 \quad alkyl)$ or $N(C_1-C_6)$ alkyl)(C₁-C₆ alkyl); aryl; heterocycloalkyl; C₃-C_B cycloalkyl; and cycloalkylalkyl; wherein the aryl; heterocycloalkyl, C3-C8 cycloalkyl, and cycloalkylalkyl groups are optionally substituted with 1, 2, 3, 4 or 5 groups that are independently halogen, CN, NO2, C1-C6 alkyl, C_1 - C_6 alkoxy, C_2 - C_6 alkanoyl, C_1 - C_6 haloalkyl, C_1 -C₆ haloalkoxy, hydroxy, C₁-C₆ hydroxyalkyl, C₁-C₆ alkoxy C_1-C_6 alkyl, C_1-C_6 thioalkoxy, thioalkoxy C_1 - C_6 alkyl, or C_1 - C_6 alkoxy C_1 - C_6 alkoxy;

is heterocycloalkyl, heteroaryl, R_{52} cycloalkyl, $-S(0)_{0-2}-C_1-C_6$ alkyl, CO_2H , $-C(0)NH_2$, -C(0)NH(alkyl), -C(0)N(alkyl)(alkyl), alkyl, -NHS(0) $_{0-2}$ -C $_1$ -C $_6$ alkyl, -N(alkyl)S(0) $_{0-2}$ - C_1-C_6 alkyl, $-S(0)_{0-2}$ -heteroaryl, $-S(0)_{0-2}$ -aryl, -NH(arylalkyl), -N(alkyl)(arylalkyl), thioalkoxy, or alkoxy, each of which optionally substituted with 1, 2, 3, 4, or 5 groups that are independently alkyl, alkoxy, thioalkoxy, halogen, haloalkyl, haloalkoxy, alkanoyl, NO_2 , CN, alkoxycarbonyl, oraminocarbonyl;

R₅₃ is absent, -O-, -C(O)-, -NH-, -N(alkyl)-, -NH- $S(O)_{0-2}-, -N(alkyl)-S(O)_{0-2}-, -S(O)_{0-2}-NH-, -S(O)_{0-2}-N(alkyl)-, -NH-C(S)-, or -N(alkyl)-C(S)-;$

R₅₄ is heteroaryl, aryl, arylalkyl, heterocycloalkyl, CO_2H , $-CO_2$ -alkyl, -C(O)NH(alkyl), -C(O)N(alkyl) (alkyl), $-C(O)NH_2$, C_1 - C_8 alkyl, OH, aryloxy, alkoxy, arylalkoxy, NH_2 , NH(alkyl), N(alkyl) (alkyl), or $-C_1$ - C_6 alkyl- CO_2 - C_1 - C_6 alkyl, each of which is optionally substituted with 1, 2, 3, 4, or 5 groups that are independently alkyl, alkoxy, CO_2H , $-CO_2$ -alkyl, thioalkoxy, halogen, haloalkyl, haloalkoxy, hydroxyalkyl, alkanoyl, NO_2 , CN, alkoxycarbonyl, or aminocarbonyl;

- X is selected from the group consisting of $-C_1-C_6$ alkylidenyl optionally optionally substituted with 1, 2, or 3 methyl groups; and $-NR_{4-6}-$; or R_4 and R_{4-6} combine to form $-(CH_2)_{n10}-$, wherein n_{10} is 1, 2, 3, or 4;
- Z is selected from the group consisting of a bond; SO_2 ; SO_2 ; SO_3 ; and C(O);
- y is selected from the group consisting of H; C₁-C₄ haloalkyl; C₅-C₆ heterocycloalkyl; C₆-C₁₀ aryl; OH; -N(Y₁)(Y₂); C₁-C₁₀ alkyl optionally substituted with 1 thru 3 substituents which can be the same or different and are selected from the group consisting of halogen, hydroxy, alkoxy, thioalkoxy, and haloalkoxy; C₃-C₆ cycloalkyl optionally substituted with 1, 2, or 3 groups independently selected from C₁-C₃ alkyl, and halogen; alkoxy; aryl optionally substituted with halogen, alkyl, alkoxy, CN or NO₂; arylalkyl optionally substituted with halogen, alkyl, alkoxy, CN or NO₂; wherein
 - Y_1 and Y_2 are the same or different and are H; C_1 - C_{10} alkyl optionally substituted with 1, 2, or 3 substituents selected from the group consisting of halogen, C_1 - C_4 alkoxy, C_3 - C_8 cycloalkyl, and

OH; C_2 - C_6 alkenyl; C_2 - C_6 alkanoyl; phenyl; -SO₂- C_1 - C_4 alkyl; phenyl C_1 - C_4 alkyl; or C_3 - C_8 cycloalkyl C_1 - C_4 alkyl; or

- Y₁, Y₂ and the nitrogen to which they are attached form a ring selected from the group consisting of piperazinyl, piperidinyl, morpholinyl, and pyrolidinyl, wherein each ring is optionally substituted with 1, 2, 3, or 4 groups that are independently C₁-C₆ alkyl, C₁-C₆ alkoxy, C₁-C₆ alkoxy, C₁-C₆ alkyl, or halogen;
- R₁₀₀ and R'₁₀₀ independently represent aryl, heteroaryl, heterocyclyl, -aryl-W-aryl, -aryl-W-heteroaryl, -aryl-W-heterocyclyl, -heteroaryl-W-aryl, heteroaryl-W-heteroaryl, -heteroaryl-Wheterocyclyl, -heterocyclyl-W-aryl, -heterocyclyl-Wheteroaryl, -heterocyclyl-W-heterocyclyl, -CH[(CH2)0- $_{2}$ -O-R₁₅₀]-(CH₂)₀₋₂-aryl, -CH [(CH₂) $_{0-2}$ -O-R₁₅₀] - (CH₂) $_{0-2}$ heterocyclyl or $-CH[(CH_2)_{0-2}-O-R_{150}]-(CH_2)_{0-2}$ heteroaryl, where the ring portions of each are optionally substituted with 1, 2, or 3 groups independently selected from
 - -OR, -NO₂, C_1 - C_6 alkyl, halogen, -C \equiv N, -OCF₃, -CF₃, - $(CH_2)_{0-4}-O-P(=O)(OR)(OR')$, $-(CH_2)_{0-4}-CO-NR_{105}R'_{105}$, $-(CH_2)_{0-4}-O-(CH_2)_{0-4}-CONR_{102}R_{102}'$ $-(CH_2)_{0-4}-CO-(C_1-C_{12})_{0-4}$ alkyl), $-(CH_2)_{0-4}-CO-(C_2-C_{12} \text{ alkenyl})$, $-(CH_2)_{0-4} CO-(C_2-C_{12} \quad alkynyl)$, -(CH₂)₀₋₄-CO-(CH₂)₀₋₄(C₃-C₇cycloalkyl), -(CH₂)₀₋₄-R₁₁₀, $-(CH_2)_{0-4}-R_{120}$ $-(CH_2)_{0-4}-R_{130}$, $-(CH_2)_{0-4}-CO-R_{110}$, $-(CH_2)_{0-4}-CO-R_{120}$, R_{150} , $-(CH_2)_{0-4}-SO_2-NR_{105}R'_{105}$, $-(CH_2)_{0-4}-SO_-(C_1-C_8)$ alkyl), $-(CH_2)_{0-4}-SO_{2-}(C_1-C_{12} \text{ alkyl})$, $-(CH_2)_{0-4}-SO_{2} -(CH_2)_{0-4}-N(R_{150})-CO-N(R_{150})_2$, $-(CH_2)_{0-4}-$

$$\begin{split} &N\left(R_{150}\right) - CS - N\left(R_{150}\right)_{2}, &-\left(CH_{2}\right)_{0-4} - N\left(R_{150}\right) - CO - R_{105}, \\ &-\left(CH_{2}\right)_{0-4} - NR_{105}R'_{105}, &-\left(CH_{2}\right)_{0-4} - R_{140}, &-\left(CH_{2}\right)_{0-4} - O - CO - \\ &\left(C_{1} - C_{6} \text{ alkyl}\right), &-\left(CH_{2}\right)_{0-4} - O - P\left(O\right) - \left(O - R_{110}\right)_{2}, &-\left(CH_{2}\right)_{0-4} - O - CO - N\left(R_{150}\right)_{2}, &-\left(CH_{2}\right)_{0-4} - O - CS - N\left(R_{150}\right)_{2}, &-\left(CH_{2}\right)_{0-4} - O - \left(R_{150}\right), &-\left(CH_{2}\right)_{0-4} - O - R_{150}' - COOH, &-\left(CH_{2}\right)_{0-4} - S - \left(R_{150}\right), \\ &-\left(CH_{2}\right)_{0-4} - N\left(R_{150}\right) - SO_{2} - R_{105}, &-\left(CH_{2}\right)_{0-4} - & C_{3} - C_{7} \\ &-\left(CH_{2}\right)_{0-4} - N\left(R_{150}\right), &-\left(C_{2} - C_{10}\right)_{0-4} - C_{10} - C_{10}$$

- R_{100} is $C_1\text{--}C_{10}$ alkyl optionally substituted with 1, 2, or 3 $$R_{115}$$ groups, or
- R_{100} is $-(C_1-C_6$ alkyl)-O-C_1-C_6 alkyl) or $-(C_1-C_6$ alkyl)-S- $(C_1-C_6 \ \ alkyl) \,, \quad each \quad \mbox{of} \quad which \quad is \quad \mbox{optionally}$ substituted with 1, 2, or 3 R_{115} groups, or
- $R_{\rm 100}$ is $C_3 C_8$ cycloalkyl optionally substituted with 1, 2, or 3 $R_{\rm 115}$ groups;
- W is $-(CH_2)_{0-4}$ -, -O-, $-S(O)_{0-2}$ -, $-N(R_{135})$ -, -CR(OH)- or -C(O)-;
- R_{102} and R_{102} ' independently are hydrogen, or $C_1\text{-}C_{10} \text{ alkyl optionally substituted with 1, 2, or 3}$ groups that are independently halogen, aryl or $-R_{110}$;
- R_{105} and $R^\prime{}_{105}$ independently represent -H, -R $_{110}$, -R $_{120}$, C_3 -C $_7$ cycloalkyl, -(C $_1$ -C $_2$ alkyl)-(C $_3$ -C $_7$ cycloalkyl), -(C $_1$ -C $_6$ alkyl)-O-(C $_1$ -C $_3$ alkyl), C $_2$ -C $_6$ alkenyl, C $_2$ -C $_6$ alkynyl, or C $_1$ -C $_6$ alkyl chain with one double bond and one triple bond, or
 - $C_1\text{-}C_6$ alkyl optionally substituted with -OH or -NH $_2$; or,
 - $C_1\text{-}C_6$ alkyl optionally substituted with 1, 2, or 3 groups independently selected from halogen, or
- R_{105} and R'_{105} together with the atom to which they are attached form a 3 to 7 membered carbocylic ring, where one member is optionally a heteratom selected

from -O-, $-S(O)_{0-2}$ -, $-N(R_{135})$ -, the ring being optionally substituted with 1, 2 or 3 independently selected R_{140} groups;

- R₁₃₅ is C_1 - C_6 alkyl, C_2 - C_6 alkenyl, C_2 - C_6 alkynyl, C_3 - C_7 cycloalkyl, -(CH₂)₀₋₂-(aryl), -(CH₂)₀₋₂-(heteroaryl), or -(CH₂)₀₋₂-(heterocyclyl);
- R₁₄₀ is heterocyclyl optionally substituted with 1, 2, 3, or 4 groups independently selected from C_1 - C_6 alkyl, C_1 - C_6 alkoxy, halogen, hydroxy, cyano, nitro, amino, mono(C_1 - C_6) alkylamino, di(C_1 - C_6) alkylamino, C_2 - C_6 alkenyl, C_2 - C_6 alkynyl, C_1 - C_6 haloalkyl, C_1 - C_6 haloalkoxy, amino(C_1 - C_6) alkylamino(C_1 - C_6) alkylamino(C_1 - C_6) alkyl, and =0;
- R_{145} is C_1 - C_6 alkyl or CF_3 ;
- R_{150} is hydrogen, C_3 - C_7 cycloalkyl, $-(C_1$ - C_2 alkyl)- $(C_3$ - C_7 cycloalkyl), C_2 - C_6 alkenyl, C_2 - C_6 alkynyl, C_1 - C_6 alkyl with one double bond and one triple bond, $-R_{110}$, $-R_{120}$, or
 - C_1 - C_6 alkyl optionally substituted with 1, 2, 3, or 4 groups independently selected from -OH, -NH₂, C_1 - C_3 alkoxy, R_{110} , and halogen;
- R_{150} ' is C_3-C_7 cycloalkyl, $-(C_1-C_3$ alkyl)- $(C_3-C_7$ cycloalkyl), C_2-C_6 alkenyl, C_2-C_6 alkynyl, C_1-C_6 alkyl

with one double bond and one triple bond, $-R_{110}$, $-R_{120}$, or

- C_1 - C_6 alkyl optionally substituted with 1, 2, 3, or 4 groups independently selected from -OH, -NH₂, C_1 - C_3 alkoxy, R_{110} , and halogen;
- R_{155} is C_3 - C_7 cycloalkyl, $-(C_1$ - C_2 alkyl)- $(C_3$ - C_7 cycloalkyl), C_2 - C_6 alkenyl, C_2 - C_6 alkynyl, C_1 - C_6 alkyl with one double bond and one triple bond, $-R_{110}$, $-R_{120}$, or C_1 - C_6 alkyl optionally substituted with 1, 2, 3, or 4 groups independently selected from -OH, -NH₂, C_1 - C_3 alkoxy, and halogen;
- selected from morpholinyl, thiomorpholinyl, R₁₈₀ is homomorpholinyl, piperidinyl, piperazinyl, homothiomorpholinyl, homothiomorpholinyl S-oxide, homothiomorpholinyl S,S-dioxide, pyrrolinyl optionally which is each of pyrrolidinyl, substituted with 1, 2, 3, or 4 groups independently selected from C_1 - C_6 alkyl, C_1 - C_6 alkoxy, halogen, hydroxy, cyano, nitro, amino, mono (C_1-C_6) alkylamino, $\text{di}(C_1-C_6)\,\text{alkylamino},\ C_2-C_6\,\text{alkenyl},\ C_2-C_6\,\text{alkynyl},\ C_1 C_6$ haloalkyl, C_1 - C_6 haloalkoxy, amino(C_1 - C_6)alkyl, mono (C_1-C_6) alkylamino (C_1-C_6) alkyl, $di(C_1 C_6$) alkylamino (C_1-C_6) alkyl, and =0;
- R_{110} is aryl optionally substituted with 1 or 2 R_{125} groups;
- R₁₂₅ at each occurrence is independently halogen, amino, mono- or dialkylamino, -OH, -C \equiv N, -SO₂-NH₂, -SO₂-NH-C₁-C₆ alkyl, -SO₂-N(C₁-C₆ alkyl)₂, -SO₂-(C₁-C₄ alkyl), -CO-NH₂, -CO-NH-C₁-C₆ alkyl, or -CO-N(C₁-C₆ alkyl)₂, or
 - $C_1\text{-}C_6$ alkyl, $C_2\text{-}C_6$ alkenyl or $C_2\text{-}C_6$ alkynyl, each of which is optionally substituted with 1, 2, or 3 groups that are independently selected from $C_1\text{-}$

 C_3 alkyl, halogen, -OH, -SH, -C \equiv N, -CF $_3$, C_1 -C $_3$ alkoxy, amino, and mono- and dialkylamino, or C_1 -C $_6$ alkoxy optionally substituted with one, two or three of halogen;

 R_{120} is heteroaryl, which is optionally substituted with 1 or 2 R_{125} groups; and

 R_{130} is heterocyclyl optionally substituted with 1 or 2 $$R_{125}$$ groups.

The invention also provides compounds of the formula \boldsymbol{X} :

$$R_N \longrightarrow H$$
 $R_1 \longrightarrow R_2 \longrightarrow R_3$
 (X)

and pharmaceutically acceptable salts thereof, wherein $R_{\text{1}},$ $R_{\text{2}},\ R_{\text{3}},\ R_{\text{N}}$ and R_{C} are as defined for formula (I).

The invention also provides methods of generating compounds of formula (Y) from the compounds of formulae (AA), (I) or (X):

$$R_N$$
 H
 R_1
 R_2
 R_3
 R_3

(Y)

wherein R_1 , R_2 , R_3 , R_N and R_C are as defined for formula (I). The generation of compounds of formula (Y) from compounds of formulae (AA), (I) or (X) can occur in vivo or in vitro. Compounds of formula Y are useful for treating and/or preventing Alzheimer's disease.

The invention also provides processes for converting compounds of formula AA, I or X to the compounds of

formula Y. The conversion and/or generation of compounds of formula Y involves contacting the compounds of formula I and/or X with an aqueous medium. The conversion can occur in vitro or in vivo.

for the methods invention provides also The treatment or prevention of Alzheimer's disease, cognitive impairment Down's syndrome, Hereditary Cerebral Hemorrhage with Amyloidosis of the Dutch-Type, cerebral dementias, degenerative angiopathy, other amyloid of mixed vascular and degenerative origin, dementias dementia associated with Parkinson's disease, dementia associated with progressive supranuclear palsy, dementia associated with cortical basal degeneration, diffuse Lewy compriseing Alzheimer's disease of type body administration of a therapeutically effective amount of a compound or salt of formula AA, I or X, to a patient in need thereof.

Preferably, the patient is a human.

More preferably, the disease is Alzheimer's disease.

More preferably, the disease is dementia.

The invention also provides pharmaceutical compositions comprising a compound or salt of formula AA, I or X and at least one pharmaceutically acceptable carrier, solvent, adjuvant or diluent.

The invention also provides the use of a compound or salt according to formula AA, I or X for the manufacture of a medicament.

The invention also provides the use of a compound or salt of formula (AA), formula (I) or formula (X) for the treatment or prevention of Alzheimer's disease, mild cognitive impairment Down's syndrome, Hereditary Cerebral Hemorrhage with Amyloidosis of the Dutch-Type, cerebral amyloid angiopathy, other degenerative dementias,

dementias of mixed vascular and degenerative origin, dementia associated with Parkinson's disease, dementia associated with progressive supranuclear palsy, dementia associated with cortical basal degeneration, or diffuse Lewy body type of Alzheimer's disease.

The invention also provides compounds, compositions, pharmaceutical kits. and methods inhibiting beta-secretase-mediated cleavage of amyloid (APP). precursor protein More particularly, compounds, compositions, and methods of the invention are effective to inhibit the production of A-beta peptide and to treat or prevent any human or veterinary disease or condition associated with a pathological form of A-beta peptide.

The invention also provides methods of preparing the compounds of the invention and the intermediates used in those methods.

The compounds, compositions, and methods of invention are useful for treating humans who have Alzheimer's Disease (AD), for helping prevent or delay the onset of AD, for treating patients with mild cognitive impairment (MCI), and preventing or delaying the onset of AD in those patients who would otherwise be expected to progress from MCI to AD, for treating Down's for treating Hereditary Cerebral Hemorrhage with Amyloidosis of the Dutch Type, for treating cerebral beta-amyloid angiopathy and preventing its potential consequences such as single and recurrent lobar hemorrhages, for treating other degenerative dementias, including dementias of mixed vascular and degenerative origin, for treating dementia associated with Parkinson's disease, dementia associated with progressive supranuclear palsy, dementia associated with cortical

basal degeneration, and diffuse Lewy body type AD, and for treating frontotemporal dementias with parkinsonism (FTDP).

The compounds of formula Y possess beta-secretase inhibitory activity. The inhibitory activities of the compounds of the invention is readily demonstrated, for example, using one or more of the assays described herein or known in the art.

Unless the substituents for a particular formula are expressly defined for that formula, they are understood to carry the definitions set forth in connection with the preceding formula to which the particular formula makes reference.

DETAILED DESCRIPTION OF THE INVENTION

As noted above, the invention provides compounds of formulae (AA), (I)and (X) that are useful treatment and prevention of Alzheimer's disease. These compounds can be viewed as prodrugs of the active compounds of Formula Y since they generate the active compound both in vivo and in vitro.

The compounds of formula AA, I and X undergo acyl group migration of the R_N group when in contact with water, as depicted in Scheme I. The migration associated with compounds of formula (I) is referred to herein as "N-acyl migration." The migration associated with compounds of formula (X) is referred to herein as "O-acyl migration."

The migrations depicted in SCHEME 1 can occur either in vitro or in vivo and occur when the compounds are contacted with aqueous media, including water itself. The aqueous medium can be neutral, acidic or basic. It is preferred that the media have a pH of about 2 to about 10, more preferably, about 3 to about 7. The amount of water required for the migration is not critical. A catalytic amount of aqueous media will suffice to cause the migration. Aqueous buffer solutions as well as gastric fluid are satisfactory media for the migration to occur.

The products of the rearrangements of the compounds of formula AA, formula I and/or formula X are the compounds of formula (Y). The substituents R_1 , R_2 , R_3 , R_N and R_C in the compounds (Y) are as defined above for compounds of formula (I).

SCHEME 1

Preferred compounds of formula AA include those of formula AA-1, i.e., compounds of formula AA wherein R₁ is aryl, heteroaryl, heterocyclyl, $-C_1-C_6$ alkyl-aryl, $-C_1-C_6$ alkyl-heteroaryl, or $-C_1-C_6$ alkyl-heterocyclyl, where the ring portions of each are optionally substituted with 1, 2, 3, or 4 groups independently selected from halogen, -OH, -SH, $-C\equiv N$, $-NO_2$, $-NR_{105}R'_{105}$, $-CO_2R$, $-NC_1$, $-NC_2$, $-NR_{105}R'_{105}$, $-CO_2R$, $-NC_1$, $-NC_2$, $-NC_1$, $-NC_2$, $-NC_1$, alkyl,

 $-SO_2$ -amino, $-SO_2$ -mono or dialkylamino, -C(=O)-amino, -C(=O)-mono or dialkylamino, $-SO_2$ - $(C_1$ - $C_4)$ alkyl, or

 $C_1\text{-}C_6$ alkoxy optionally substituted with 1, 2, or 3 groups which are independently selected from halogen, or

 C_3-C_7 cycloalkyl optionally substituted with 1, 2, or 3 groups independently selected from halogen, -OH, -SH, -C \equiv N, -CF $_3$, C_1-C_3 alkoxy, amino, - C_1-C_6 alkyl and mono- or dialkylamino, or

 C_1 - C_{10} alkyl optionally substituted with 1, 2, or 3 groups independently selected from halogen, -OH, -SH, -C \equiv N, -CF₃, -C₁-C₃ alkoxy, amino, mono- or dialkylamino and -C₁-C₃ alkyl, or

 C_2 - C_{10} alkenyl or C_2 - C_{10} alkynyl each of which is optionally substituted with 1, 2, or 3 groups independently selected from halogen, -OH, -SH, -C \equiv N, -CF $_3$, C_1 - C_3 alkoxy, amino, C_1 - C_6 alkyl and mono- or dialkylamino; and the heterocyclyl group is optionally further substituted with oxo.

Preferred compounds of formula AA-1 also include those wherein

- R₁ is $-C_1-C_6$ alkyl-aryl, $-C_1-C_6$ alkyl-heteroaryl, or $-C_1-C_6$ alkyl-heterocyclyl, where the ring portions of each are optionally substituted with 1, 2, 3, or 4 groups independently selected from halogen, -OH, -SH, $-C\equiv N$, $-NO_2$, $-NR_{105}R'_{105}$, $-CO_2R$, -N(R)COR', or $-N(R)SO_2R'$, $-C(=O)-(C_1-C_4)$ alkyl, $-SO_2$ -amino, $-SO_2$ -mono or dialkylamino, -C(=O)-amino, -C(=O)-mono or dialkylamino, $-SO_2-(C_1-C_4)$ alkyl, or
 - C_1 - C_6 alkoxy optionally substituted with 1, 2, or 3 groups which are independently selected from halogen, or
 - C₃-C₇ cycloalkyl optionally substituted with 1,
 2, or 3 groups independently selected from
 halogen, -OH, -SH, -C≡N, -CF₃, C₁-C₃
 alkoxy, amino, -C₁-C₆ alkyl and mono- or
 dialkylamino, or

 C_1-C_{10} alkyl optionally substituted with 1, 2, or 3 groups independently selected from halogen, -OH, -SH, -C \equiv N, -CF₃, -C₁-C₃ alkoxy, amino, mono- or dialkylamino and -C₁-C₃ alkyl, or

 C_2-C_{10} alkenyl or C_2-C_{10} alkynyl each of which is optionally substituted with 1, 2, or 3 groups independently selected from halogen, -OH, -SH, -C \equiv N, -CF $_3$, C_1-C_3 alkoxy, amino, C_1-C_6 alkyl and mono- or dialkylamino; and the heterocyclyl group is optionally further substituted with oxo.

Preferred compounds of formula AA-1 further include those wherein

- R₁ is $-(CH_2)$ -aryl, $-(CH_2)$ -heteroaryl, or $-(CH_2)$ -heterocyclyl, where the ring portions of each are optionally substituted with 1, 2, 3, or 4 groups independently selected from halogen, -C=N, $-NO_2$, $-NR_{105}R'_{105}$, $-CO_2R$, -N(R)COR', or $-N(R)SO_2R'$, -C(=O)- $(C_1$ - $C_4)$ alkyl, $-SO_2$ -amino, $-SO_2$ -mono or dialkylamino, -C(=O)-amino, -C(=O)-mono or dialkylamino, $-SO_2$ - $(C_1$ - $C_4)$ alkyl, or
 - $C_1\text{-}C_6$ alkoxy optionally substituted with 1, 2, or 3 groups which are independently selected from halogen, or
 - C_3 - C_7 cycloalkyl optionally substituted with 1, 2, or 3 groups independently selected from halogen, -OH, -SH, -C \equiv N, -CF $_3$, C_1 - C_3 alkoxy, amino, - C_1 - C_6 alkyl and mono- or dialkylamino, or

 C_1 - C_{10} alkyl optionally substituted with 1, 2, or 3 groups independently selected from halogen, -OH, -SH, -C \equiv N, -CF₃, -C₁-C₃ alkoxy, amino, mono- or dialkylamino and -C₁-C₃ alkyl, or

 C_2-C_{10} alkenyl or C_2-C_{10} alkynyl each of which is optionally substituted with 1, 2, or 3 groups independently selected from halogen, -OH, -SH, -C \equiv N, -CF $_3$, C_1-C_3 alkoxy, amino, C_1-C_6 alkyl and mono- or dialkylamino; and the heterocyclyl group is optionally further substituted with oxo.

Preferred compounds of formula AA-1 also include those wherein

R₁ is -CH₂-phenyl or -CH₂-pyridinyl where the ring portions of each are optionally substituted with 1, 2, 3, or 4 groups independently selected from halogen, C₁-C₄ alkoxy, hydroxy, -NO₂, and

 C_1-C_4 alkyl optionally substituted with 1, 2, or 3 substituents independently selected from halogen, OH, SH, NH₂, NH(C_1-C_6 alkyl), N-(C_1-C_6 alkyl) (C_1-C_6 alkyl), $C\equiv N$, CF_3 .

Preferred compounds of formula AA-1 further include those wherein

 R_1 is $-CH_2$ -phenyl or $-CH_2$ -pyridinyl where the phenyl or pyridinyl rings are each optionally substituted with 1 or 2 groups independently selected from halogen, C_1 - C_2 alkyl, C_1 - C_2 alkoxy, hydroxy, $-CF_3$, and $-NO_2$.

Preferred compounds of formula AA-1 include those wherein

 R_1 is $-CH_2$ -phenyl where the phenyl ring is optionally substituted with 2 groups independently selected

from halogen, C_1 - C_2 alkyl, C_1 - C_2 alkoxy, hydroxy, and -NO₂.

Preferred compounds of formula AA-1 also include those wherein R_1 is benzyl, or 3,5-difluorobenzyl.

Preferred compounds of formula AA and AA-1 include those of formula AA-2, i.e., compounds of formula AA or AA-1 wherein

 R_2 and R_3 are independently selected from H or C_1 - C_6 alkyl optionally substituted with 1, 2, or 3 substituents selected from the group consisting of C_1 - C_3 alkyl, halogen, -OH, -SH, -C \equiv N, -CF $_3$, C_1 - C_3 alkoxy, and -NR $_1$ - $_a$ R $_1$ - $_b$.

Preferred compounds of formula AA-2 include those wherein

 R_{C} is selected from the group consisting of $C_{1}\text{-}C_{10}$ alkyl optionally substituted with 1, 2, or 3 groups independently selected from the group consisting of $-OC=ONR_{235}R_{240}$, $-S(=O)_{0-2}(C_1-C_6$ alkyl), $-NR_{235}C = ONR_{235}R_{240}, \qquad -C = ONR_{235}R_{240}, \qquad \text{and} \qquad -S \; (=O) \; _2NR_{235}R_{240};$ $-(CH_2)_{0-3}-(C_3-C_8)$ cycloalkyl wherein the cycloalkyl is optionally substituted with 1, 2, or 3 groups independently selected from the group consisting of R_{205} , $-CO_2H$, and $-CO_2-(C_1-C_4 \text{ alkyl})$; $-(CR_{245}R_{250})_{0-4}-\text{aryl}$; $-(CR_{245}R_{250})_{0-4}-$ - $(CR_{245}R_{250})_{0-4}$ -heteroaryl; $-[C(R_{255})(R_{260})]_{1-3}-CO-N-(R_{255})_{2};$ heterocycloalkyl; CH(aryl)₂; -CH(heteroaryl)₂; -CH(heterocycloalkyl)₂; -CH(aryl)(heteroaryl); -CO-NR₂₃₅R₂₄₀; $-(CH_2)_{0-1}-CHR_{C-6}-(CH_2)_{0-1} CH((CH_2)_{0-6}-OH)-(CH_2)_{0-1}-aryl;$ -heteroaryl)-CO-O(C₁-C₄ heteroaryl; -CH(-aryl or alkyl); $-CH(-CH_2-OH)-CH(OH)-phenyl-NO_2$; $(C_1-C_6 alkyl)-$ O-(C₁-C₆ alkyl)-OH; -CH₂-NH-CH₂-CH(-O-CH₂-CH₃)₂; -H; and $-(CH_2)_{0-6}-C(=NR_{235})(NR_{235}R_{240})$; wherein

each aryl is optionally substituted with 1, 2, or 3 R_{200} ;

- each heteroaryl is optionally substituted with 1, 2, 3, or 4 R_{200} ;
- each heterocycloalkyl is optionally substituted with 1, 2, 3, or 4 R_{210} ;
- R₂₀₀ at each occurrence is independently selected from the group consisting of C_1 - C_6 alkyl optionally substituted with 1, 2, or 3 R₂₀₅ groups; OH; -NO₂; halogen; -CO₂H; C \equiv N; -(CH₂)₀₋₄-CO-NR₂₂₀R₂₂₅; -(CH₂)₀₋₄-CO-(C₁-C₁₂ alkyl); -(CH₂)₀₋₄-CO₂R₂₁₅; and -(CH₂)₀₋₄-O-(C₁-C₆ alkyl optionally substituted with 1, 2, 3, or 5 -F);
 - wherein each aryl group at each occurrence is optionally substituted with 1, 2, or 3 groups that are independently R_{205} , R_{210} or C_1 - C_6 alkyl substituted with 1, 2, or 3 groups that are independently R_{205} or R_{210} ;
 - wherein each heterocycloalkyl group at each occurrence is optionally substituted with 1, 2, or 3 groups that are independently R_{210} ;
 - wherein each heteroaryl group at each occurrence is optionally substituted with 1, 2, or 3 groups that are independently R_{205} , R_{210} , or C_1 - C_6 alkyl substituted with 1, 2, or 3 groups that are independently R_{205} or R_{210} ;
- R_{205} at each occurrence is independently selected from the group consisting of C_1 - C_6 alkyl, halogen, -OH, -O-phenyl, -SH, -C \equiv N, -CF $_3$, C_1 - C_6 alkoxy, NH $_2$, NH(C_1 - C_6 alkyl), and N-(C_1 - C_6 alkyl);

R₂₁₀ at each occurrence is independently selected from the group consisting of C_1 - C_6 alkyl optionally substituted with 1, 2, or 3 R₂₀₅ groups; halogen; C_1 - C_6 alkoxy; C_1 - C_6 haloalkoxy; $-NR_{220}R_{225}$; OH; $C\equiv N$; C_3 - C_7 cycloalkyl optionally substituted with 1, 2, or 3 R₂₀₅ groups; -CO- $(C_1$ - C_4 alkyl); $-SO_2$ - $NR_{235}R_{240}$; -CO- $NR_{235}R_{240}$; $-SO_2$ - $(C_1$ - C_4 alkyl); and =0; wherein

at each occurrence is independently selected R₂₁₅ from the group consisting of C_1 - C_6 alkyl, -(CH₂) $_{0-2}$ -(aryl), C₃₋C₇ cycloalkyl, and -(CH₂) $_{0-2}$ -- $(CH_2)_{0-2}$ - (heterocycloalkyl); (heteroaryl), wherein the aryl group at each occurrence is optionally substituted with 1, 2, or 3 groups that are independently R_{205} or R_{210} ; wherein the heterocycloalkyl group at each occurrence is optionally substituted with 1, 2, or 3 R_{210} ; at heteroaryl group wherein each occurrence is optionally substituted with 1, 2, or 3 R_{210} ;

R₂₂₀ and R₂₂₅ at each occurrence are independently selected from the group consisting of -H, -C₁-C₆ alkyl, hydroxy C₁-C₆ alkyl, amino C₁-C₆ alkyl; halo C₁-C₆ alkyl; -C₃-C₇ cycloalkyl, -(C₁-C₆ alkyl)-O-(C₁-C₃ alkyl), -aryl, -heteroaryl, and -heterocycloalkyl; wherein the aryl group at each occurrence is optionally substituted with 1, 2, or 3 R₂₇₀ groups, each heteroaryl is optionally substituted with 1, 2, 3, or 4 R₂₀₀, each heterocycloalkyl is optionally substituted with 1, 2, 3, or 4 R₂₀₀, each heterocycloalkyl is optionally substituted with 1, 2, 3, or 4 R₂₁₀ wherein

 R_{270} at each occurrence is independently $R_{205},\ C_1\text{-}C_6$ alkyl optionally substituted with 1, 2, or 3

 R_{205} groups; halogen; C_1 - C_6 alkoxy; C_1 - C_6 haloalkoxy; $NR_{235}R_{240}$; OH; $C\equiv N$; -CO- $(C_1$ - C_4 alkyl); and =O; wherein the heterocycloalkyl group at each occurrence is optionally substituted with 1, 2, or 3 R_{205} groups; wherein each heteroaryl group at each occurrence is optionally substituted with 1, 2, or 3 R_{205} groups;

- R_{235} and R_{240} at each occurrence are independently H, or $C_1\text{--}C_6$ alkyl;
- R_{245} and R_{250} at each occurrence are independently selected from the group consisting of H, $C_1\text{-}C_4$ alkyl, $C_1\text{-}C_4$ hydroxyalkyl, $C_1\text{-}C_4$ alkoxy, $C_1\text{-}C_4$ haloalkoxy, or
- R_{245} and R_{250} are taken together with the carbon to which they are attached to form a carbocycle of 3, 4, 5, 6, or 7 carbon atoms, wherein the carbocycle is optionally substituted with 1 or 2 groups that are independently OH, methyl, Cl, F, OCH₃, CF₃, NO₂, or CN;
- R₂₅₅ and R₂₆₀ at each occurrence are independently selected from the group consisting of H; C₁-C₆ alkyl optionally substituted with 1, 2, or 3 R₂₀₅ groups; $-(CH_2)_{0-4}-C_3-C_7$ cycloalkyl optionally substituted with 1, 2, or 3 R₂₀₅ groups; $-(C_1-C_4$ alkyl)-aryl; $-(C_1-C_4$ alkyl)-heteroaryl; $-(C_1-C_4$ alkyl)-heterocycloalkyl; aryl; heteroaryl; heterocycloalkyl; aryl; heteroaryl; $-(CH_2)_{1-4}-R_{265}-(CH_2)_{0-4}-$ aryl; $-(CH_2)_{1-4}-R_{265}-(CH_2)_{0-4}-$ heteroaryl; and; $-(CH_2)_{1-4}-$ R₂₆₅- $-(CH_2)_{0-4}-$ heterocycloalkyl; wherein
 - R_{265} at each occurrence is independently -0-, -S- or -N(C₁-C₆ alkyl)-;
 - each aryl or phenyl is optionally substituted with 1, 2, or 3 groups that are

independently $R_{205},\ R_{210},\ or\ C_1-C_6$ alkyl substituted with 1, 2, or 3 groups that are independently R_{205} or R_{210} .

Preferred compounds of formula AA-2 include those wherein:

 R_C is $-(CR_{245}R_{250})_{0-4}$ -aryl, or $-(CR_{245}R_{250})_{0-4}$ -heteroaryl, wherein aryl and heteroaryl are optionally substituted with 1, 2, or 3 R_{200} groups.

Preferred compounds of formula AA-2 also include compounds wherein

 R_C is -(CR245R250)-aryl, or -(CR245R250)-heteroaryl wherein each aryl and heteroaryl is optionally substituted with 1, 2, or 3 $R_{\rm 200}$ groups.

Preferred compounds of formula AA-2 also include compounds wherein

 R_{C} is $-(CH_{2})$ -aryl, or $-(CH_{2})$ -heteroaryl, wherein each aryl and heteroaryl is optionally substituted with 1, 2, or 3 groups selected from OH, $-NO_{2}$, halogen, $-CO_{2}H$, $C\equiv N$, $-(CH_{2})_{0-4}-CO-NR_{220}R_{225}$, $-(CH_{2})_{0-4}-CO-(C_{1}-C_{12})$ alkyl), and $-(CH_{2})_{0-4}-SO_{2}-NR_{220}R_{225}$.

Preferred compounds of formula AA-2 also include compounds wherein

 R_C is -(CH2)-aryl, wherein aryl is optionally substituted with 1, 2, or 3 groups selected from OH, -NO2, halogen, -CO2H, and C=N.

Preferred compounds of formula AA-2 also include compounds wherein

 R_C is $-(CH_2)$ -phenyl, wherein phenyl is optionally substituted with 1, 2, or 3 groups selected from OH, $-NO_2$, halogen, $-CO_2H$, and $C\equiv N$.

Preferred compounds of formula AA-2 also include compounds wherein $R_{\text{\scriptsize C}}$ is benzyl.

Other preferred compounds of formulas AA, AA-1 and AA-2 include compounds of formula AA-3, i.e., those of formulas AA, AA-1 or AA-2 wherein

one of R_N and R_N ' is hydrogen and the other is:

$$Y^Z_X/(CH_2)_{n7}$$
-CHC(O)-R₄

wherein

 R_4 is NH_2 ; $-NH-(CH_2)_{n6}-R_{4-1}$; $-NHR_8$; $-NR_{50}C(O)R_5$; or $-NR_{50}CO_2R_{51}$;

wherein

n₆ is 0, 1, 2, or 3; n₇ is 0, 1, 2, or 3;

 $R_{4\text{--}2}$ and $R_{4\text{--}3}$ are independently H, $C_1\text{--}C_3$ alkyl, or $C_3\text{--}C_6$ cycloalkyl;

 R_{4-4} is alkyl, phenylalkyl, C_2-C_4 alkanoyl, or phenylalkanoyl;

 R_5 cyclopropyl; cyclobutyl; cyclopentyl; and cyclohexyl; wherein each cycloalkyl group is optionally substituted with one or two groups that are C_1 - C_6 alkyl, more preferably C_1 - C_2 alkyl, C_1 - C_6 alkoxy, more preferably C₁-C₂ alkoxy, CF₃, OH, NH₂, $NH(C_1-C_6 \text{ alkyl})$, $N(C_1-C_6 \text{ alkyl})(C_1-C_6 \text{ alkyl})$, halogen, CN, or NO2; or the cycloalkyl group is substituted with 1 or 2 groups that are independently CF3, Cl, F, methyl, ethyl or cyano; C₁-C₆ alkyl optionally substituted with 1, 2, or 3 groups that independently halogen, $-NR_6R_7$, C_1-C_4 alkoxy, C_5-C_6 heterocycloalkyl, C_5 - C_6 heteroaryl, phenyl, C_3 - C_7

cycloalkyl, $-S-C_1-C_4$ alkyl, $-SO_2-C_1-C_4$ alkyl, $-CO_2H$, $-CONR_6R_7$, $-CO_2-C_1-C_4$ alkyl, or phenyloxy; heteroaryl optionally substituted with 1, 2, or 3 groups that are independently C_1-C_4 alkyl, C_1-C_4 alkoxy, halogen, C_1-C_4 haloalkyl, or OH; heterocycloalkyl optionally substituted with 1, 2, or 3 groups that are independently C_1-C_4 alkyl, C_1-C_4 alkoxy, halogen, or C_2-C_4 alkanoyl; phenyl optionally substituted with 1, 2, 3, or 4 groups that are independently halogen, OH, C_1-C_4 alkyl, C_1-C_4 alkoxy, or C_1-C_4 haloalkyl; and $-NR_6R_7$; wherein

- R_6 and R_7 are independently selected from the group consisting of H, C_1 - C_6 alkyl, C_2 - C_6 alkanoyl, phenyl, $-SO_2$ - C_1 - C_4 alkyl, and phenyl C_1 - C_4 alkyl;
- R₈ is selected from the group consisting of -SO₂-heteroaryl optionally substituted with 1 or 2 groups that are independently C₁-C₄ alkyl or halogen;, -SO₂-aryl, -SO₂-heterocycloalkyl, -C(O)NHR₉, heterocycloalkyl, -S-C₂-C₄ alkanoyl, wherein

 $$R_9$$ is phenyl $C_1\text{-}C_4$ alkyl, $C_1\text{-}C_6$ alkyl, or H; $$R_{50}$$ is H or $C_1\text{-}C_6$ alkyl;

 R_{51} is selected from the group consisting of phenyl C_1 - C_4 alkyl; C_1 - C_6 alkyl optionally substituted with 1, 2, or 3 groups that are independently halogen, cyano, $-NR_6R_7$, $-C(0)NR_6R_7$, C_3 - C_7 or $-C_1$ - C_4 alkoxy; heterocycloalkyl optionally substituted with 1 or 2 groups that are independently C_1 - C_4 alkyl, C_1 - C_4 alkoxy, halogen, C_2 - C_4 alkanoyl, phenyl C_1 - C_4 alkyl, and $-SO_2$ C_1 - C_4 alkyl; heterocycloalkylalkyl optionally substituted with 1 or 2 groups that are independently C_1 - C_4 alkyl, C_1 - C_4 alkoxy, halogen,

 C_2-C_4 alkanoyl, phenyl C_1-C_4 alkyl, and $-SO_2$ C_1-C_4 alkyl; alkenyl; alkynyl; heteroaryl optionally substituted with 1, 2, or 3 groups that are independently OH, C_1-C_4 alkyl, C_1-C_4 alkoxy, halogen, NH_2 , $NH(C_1-C_6 \quad alkyl) \quad or$ $N(C_1 - C_6)$ alkyl)(C₁-C₆ alkyl); heteroarylalkyl optionally substituted with 1, 2, or 3 groups that are independently C_1 - C_4 alkyl, C_1 - C_4 alkoxy, halogen, $NH(C_1-C_6 \text{ alkyl})$ or $N(C_1-C_6 \text{ alkyl})(C_1-C_6)$ NH_2 , phenyl; $C_3 - C_8$ cycloalkyl, alkyl); wherein the phenyl; cycloalkylalkyl, $C_3 - C_8$ cycloalkyl, and cycloalkylalkyl groups optionally substituted with 1, 2, 3, 4 or 5 groups that are independently halogen, CN, NO2, C_1-C_6 alkyl, C_1-C_6 alkoxy, C_2-C_6 alkanoyl, C_1-C_6 haloalkyl, C₁-C₆ haloalkoxy, hydroxy, $C_1 - C_6$ hydroxyalkyl, C_1-C_6 alkoxy C_1-C_6 alkyl, C_1-C_6 thioalkoxy, C_1 - C_6 thioalkoxy C_1 - C_6 alkyl, or C_1 - C_6 alkoxy C_1 - C_6 alkoxy.

Preferred compounds of formula AA-3 include compounds wherein

one of R_N and R_N ' is hydrogen and the other is

wherein

X is C_1-C_4 alkylidenyl optionally substituted with 1, 2, or 3 methyl groups; or $-NR_{4-6}-$; or

 R_4 and R_{4-6} combine to form $-(CH_2)_{n10}-$, wherein n_{10} is 1, 2, 3, or 4;

Z is selected from a bond; SO_2 ; SO; S; and C(O);

Y is selected from H; C_1 - C_4 haloalkyl; C_5 - C_6 heterocycloalkyl containing at least one N, O, or S; phenyl; OH; -N(Y₁)(Y₂); C_1 - C_{10} alkyl optionally

substituted with 1 thru 3 substituents which can be the same or different and are selected from halogen, hydroxy, alkoxy, thioalkoxy, and haloalkoxy; C_3 - C_8 cycloalkyl optionally substituted with 1, 2, or 3 groups independently selected from C_1 - C_3 alkyl, and halogen; alkoxy; phenyl optionally substituted with halogen, C_1 - C_4 alkyl, C_1 - C_4 alkoxy, CN or NO_2 ; phenyl C_1 - C_4 alkyl optionally substituted with halogen, C_1 - C_4 alkyl, C_1 - C_4 alkoxy, CN or NO_2 ; wherein

- Y_1 and Y_2 are the same or different and are H; C_1 - C_{10} alkyl optionally substituted with 1, 2, or 3 substituents selected from the group consisting of halogen, C_1 - C_4 alkoxy, C_3 - C_8 cycloalkyl, and OH; C_2 - C_6 alkenyl; C_2 - C_6 alkanoyl; phenyl; - SO_2 - C_1 - C_4 alkyl; phenyl C_1 - C_4 alkyl; and C_3 - C_8 cycloalkyl C_1 - C_4 alkyl; or
- $-N(Y_1)(Y_2)$ forms a ring selected from piperazinyl, piperidinyl, morpholinyl, and pyrolidinyl, wherein each ring is optionally substituted with 1, 2, 3, or 4 groups that are independently C_1-C_6 alkyl, C_1-C_6 alkoxy, C_1-C_6 alkoxy, C_1-C_6 alkyl, or halogen.

Preferred compounds of formula AA-3 include compounds wherein

- X is $C_1\text{-}C_4$ alkylidenyl optionally optionally substituted with 1, 2, or 3 methyl groups;
- Z is selected from SO_2 ; SO; S; and C(O);
- C_1-C_4 haloalkyl; Η; from Y is selected heterocycloalkyl containing at least one N, O, or S; $-N(Y_1)(Y_2); C_1-C_{10}$ alkyl optionally OH; phenyl; substituted with 1 thru 3 substituents which can be the same or different and are selected from the group consisting of halogen, hydroxy, alkoxy,

thioalkoxy, and haloalkoxy; C_3-C_8 cycloalkyl optionally substituted with 1, 2, or 3 groups independently selected from C_1-C_3 alkyl, and halogen; alkoxy; phenyl optionally substituted with halogen, C_1-C_4 alkyl, C_1-C_4 alkoxy, CN or NO_2 ; phenyl C_1-C_4 alkyl optionally substituted with halogen, C_1-C_4 alkyl, C_1-C_4 alkoxy, CN or NO_2 ; wherein

Y₁ and Y₂ are the same or different and are H; C₁-C₆ alkyl optionally substituted with 1, 2, or 3 substituents selected from the group consisting of halogen, C₁-C₄ alkoxy, C₃-C₈ cycloalkyl, and OH; C₂-C₆ alkenyl; C₂-C₆ alkanoyl; phenyl; -SO₂-C₁-C₄ alkyl; phenyl C₁-C₄ alkyl; or C₃-C₈ cycloalkyl C₁-C₄ alkyl; or

-N(Y_1)(Y_2) forms a ring selected from piperazinyl, piperidinyl, morpholinyl, and pyrolidinyl, wherein each ring is optionally substituted with 1, 2, 3, or 4 groups that are independently C_1 - C_6 alkyl, C_1 - C_6 alkoxy, C_1 - C_6 alkyl, or halogen.

Preferred compounds of formula AA-3 include compounds one of R_N and $R_N{}^{\prime}$ is hydrogen and the other is:

wherein R_4 is NH_2 ; $-NH-(CH_2)_{16}-R_{4-1}$; $-NHR_8$; $-NR_{50}C(O)R_5$; or $-NR_{50}CO_2R_{51}$ wherein

 n_6 is 0, 1, 2, or 3;

 n_7 is 0, 1, 2, or 3;

 R_{4-1} is selected from the group consisting of $-SO_2-$ (C_1-C_8 alkyl), $-SO-(C_1-C_8$ alkyl), $-S-(C_1-C_8)$

alkyl), -S-CO-(C_1 - C_6 alkyl), -SO₂-NR₄₋₂R₄₋₃; -CO-C₁-C₂ alkyl; -CO-NR₄₋₃R₄₋₄;

- R_{4-2} and R_{4-3} are independently H, C_1-C_3 alkyl, or C_3-C_6 cycloalkyl;
- R_{4-4} is alkyl, phenylalkyl, C_2-C_4 alkanoyl, or phenylalkanoyl;
- cyclobutyl; cyclopentyl; cyclopropyl; R_5 cyclohexyl; wherein each cycloalkyl group is optionally substituted with one or two groups that are C_1 - C_6 alkyl, more preferably C_1 - C_2 alkyl, C₁-C₆ alkoxy, more preferably $C_1 - C_2$ alkoxy, CF_3 , OH, NH_2 , $NH(C_1-C_6$ alkyl), $N(C_1-C_6)$ alkyl)(C_1 - C_6 alkyl), halogen, CN, or NO_2 ; or the cycloalkyl group is substituted with 1 or 2 groups that are independently CF3, Cl, methyl, ethyl or cyano; C1-C6 alkyl optionally substituted with 1, 2, or 3 groups that are independently halogen, $-NR_6R_7$, C_1-C_4 alkoxy, C_5- C₆ heterocycloalkyl, C₅-C₆ heteroaryl, phenyl, C_3-C_7 cycloalkyl, $-S-C_1-C_4$ alkyl, $-SO_2-C_1-C_4$ alkyl, $-CO_2H$, $-CONR_6R_7$, $-CO_2-C_1-C_4$ alkyl, or phenyloxy; heteroaryl optionally substituted with 1, 2, or 3 groups that are independently halogen, alkyl, C_1-C_4 alkoxy, haloalkyl, or OH; heterocycloalkyl optionally substituted with 1, 2, or 3 groups that are independently C_1 - C_4 alkyl, C_1 - C_4 alkoxy, halogen, or $C_2\text{-}C_4$ alkanoyl; phenyl optionally substituted that 4 groups 1, 2, 3, or with independently halogen, OH, C1-C4 alkyl, C1-C4 alkoxy, or C_1 - C_4 haloalkyl; and -NR₆R₇; wherein

 R_6 and R_7 are independently selected from the group consisting of H, C_1 - C_6 alkyl, C_2 - C_6 alkanoyl, phenyl, $-SO_2$ - C_1 - C_4 alkyl, and phenyl C_1 - C_4 alkyl;

 R_8 is selected from the group consisting of $-SO_2$ -heteroaryl optionally substituted with 1 or 2 groups that are independently C_1 - C_4 alkyl or halogen;, $-SO_2$ -aryl, $-SO_2$ -heterocycloalkyl, $-C(O)NHR_9$, heterocycloalkyl, $-S-C_2-C_4$ alkanoyl, wherein

 R_9 is phenyl $C_1\text{-}C_4$ alkyl, $C_1\text{-}C_6$ alkyl, or H; R_{50} is H or $C_1\text{-}C_6$ alkyl; and

 R_{51} is selected from the group consisting of phenyl C₁-C₄ alkyl; C₁-C₆ alkyl optionally substituted with 1, 2, or 3 groups that are independently halogen, cyano, $-NR_6R_7$, $-C(0)NR_6R_7$, C_3-C_7 or $-C_1$ alkoxy; heterocycloalkyl optionally C_4 substituted with 1 or 2 groups that are independently C_1-C_4 alkyl, C_1-C_4 alkoxy, halogen, C_2-C_4 alkanoyl, phenyl C_1-C_4 alkyl, and $-SO_2$ C_1-C_4 heterocycloalkylalkyl optionally alkyl; substituted with 1 or 2 groups that independently C_1 - C_4 alkyl, C_1 - C_4 alkoxy, halogen, C_2 - C_4 alkanoyl, phenyl C_1 - C_4 alkyl, and -SO₂ C_1 - C_4 alkyl; alkenyl; alkynyl; heteroaryl optionally substituted with 1, 2, or 3 groups that are independently OH, C_1-C_4 alkyl, C_1-C_4 alkoxy, $NH(C_1-C_6 \quad alkyl) \quad or$ $N(C_1-C_6)$ NH_2 , halogen, alkyl) (C_1 - C_6 alkyl); heteroarylalkyl optionally substituted with 1, 2, or 3 groups that are independently C₁-C₄ alkyl, C₁-C₄ alkoxy, halogen, $NH(C_1-C_6 \text{ alkyl})$ or $N(C_1-C_6 \text{ alkyl})(C_1-C_6)$ cycloalkyl, alkyl); phenyl; $C_3 - C_8$ cycloalkylalkyl, wherein phenyl; the $C_3 - C_8$

cycloalkyl, and cycloalkylalkyl groups are optionally substituted with 1, 2, 3, 4 or 5 groups that are independently halogen, CN, NO_2 , C_1 - C_6 alkyl, C_1 - C_6 alkoxy, C_2 - C_6 alkanoyl, C_1 - C_6 haloalkoxy, hydroxy, C_1 - C_6 hydroxyalkyl, C_1 - C_6 alkoxy C_1 - C_6 alkyl, C_1 - C_6 thioalkoxy, C_1 - C_6 alkyl, or C_1 - C_6 alkoxy C_1 - C_6 alkoxy C_1 - C_6 alkoxy; and

Y is C_1 - C_{10} alkyl optionally substituted with 1 thru 3 substituents which can be the same or different and are selected from halogen, hydroxy, alkoxy, thioalkoxy, and haloalkoxy.

Preferred compounds of formula AA-3 further include compounds wherein

 R_{C} is $C_{1}\text{-}C_{8}$ alkyl optionally substituted with 1, 2, or 3 independently selected from the group groups of R_{205} , $-OC=ONR_{235}R_{240}$, $-S(=O)_{0-2}(C_1-C_6)$ consisting alkyl), -SH, -C=ONR $_{235}$ R $_{240}$, and -S(=O) $_2$ NR $_{235}$ R $_{240}$; -(CH $_2$) $_0$ - $_{3}$ -(C_{3} - C_{8}) cycloalkyl wherein the cycloalkyl optionally substituted with 1, 2, or 3 groups independently selected from the group consisting of R_{205} , $-CO_2H$, and $-CO_2-(C_1-C_4 \text{ alkyl})$; $-(CR_{245}R_{250})_{0-4}-$ - $(CR_{245}R_{250})_{0-4}$ -heteroaryl; - (CR₂₄₅R₂₅₀)₀₋₄phenyl; $-(CH_2)_{0-1}-CH((CH_2)_{0-4}-OH)-(CH_2)_{0-1}$ heterocycloalkyl; phenyl; $-(CH_2)_{0-1}-CHR_{C-6}-(CH_2)_{0-1}-heteroaryl; -CH(-CH_2-CH_2)_{0-1}-heteroaryl;$ OH) -CH(OH) -phenyl-NO₂; $(C_1-C_6 \text{ alkyl})$ -O- $(C_1-C_6 \text{ alkyl})$ -OH; or $-(CH_2)_{0-6}-C(=NR_{235})(NR_{235}R_{240})$; wherein

each aryl is optionally substituted with 1, 2, or 3 R_{200} ;

each heteroaryl is optionally substituted with 1, 2, 3, or 4 $\ensuremath{R_{200}}\xspace$;

each heterocycloalkyl is optionally substituted with 1, 2, 3, or 4 R₂₁₀;

- R₂₀₀ at each occurrence is independently C_1 - C_6 alkyl optionally substituted with 1, 2, or 3 R₂₀₅ groups; OH; -NO₂; halogen; -CO₂H; C \equiv N; -(CH₂)₀₋₄-CO-NR₂₂₀R₂₂₅; -(CH₂)₀₋₄-CO-(C₁-C₁₂ alkyl); -(CH₂)₀₋₄-CO₂R₂₁₅; or -(CH₂)₀₋₄-O-(C₁-C₆ alkyl optionally substituted with 1, 2, 3, or 5 -F);
- R_{205} at each occurrence is independently C_1 - C_6 alkyl, halogen, -OH, -O-phenyl, -SH, -C \equiv N, -CF $_3$, C_1 - C_6 alkoxy, NH $_2$, NH(C_1 - C_6 alkyl), or N-(C_1 - C_6 alkyl);
- R₂₁₀ at each occurrence is independently C_1 - C_6 alkyl optionally substituted with 1, 2, or 3 R₂₀₅ groups; halogen; C_1 - C_6 alkoxy; C_1 - C_6 haloalkoxy; -NR₂₂₀R₂₂₅; OH; C \equiv N; C_3 - C_7 cycloalkyl optionally substituted with 1, 2, or 3 R₂₀₅ groups; -CO-(C_1 - C_4 alkyl); $_2$ SO₂-NR₂₃₅R₂₄₀; -CO-NR₂₃₅R₂₄₀; -SO₂-(C_1 - C_4 alkyl); and =O; wherein
- R₂₁₅ at each occurrence is independently C_1 - C_6 alkyl, $-(CH_2)_{0-2}$ -(phenyl), C_3 - C_7 cycloalkyl, and $-(CH_2)_{0-2}$ -(heteroaryl), $-(CH_2)_{0-2}$ -(heterocycloalkyl); wherein the phenyl group at each occurrence is optionally substituted with 1, 2, or 3 groups that are independently R_{205} or R_{210} ; wherein the heterocycloalkyl group at each occurrence is optionally substituted with 1, 2, or 3 R_{210} ; wherein each heteroaryl group at each occurrence is optionally substituted with 1, 2, or 3 R_{210} ; or 3 R_{210} ;
- R_{220} and R_{225} at each occurrence are independently -H, $-C_1-C_6 \ \ alkyl \, , \ \ hydroxy \ C_1-C_6 \ \ alkyl \, , \ \ halo \ \ C_1-C_6$

alkyl; $-C_3-C_7$ cycloalkyl, and $-(C_1-C_6$ alkyl)-0- $(C_1-C_3$ alkyl);

- R_{235} and R_{240} at each occurrence are independently H, or $C_1\text{--}C_6$ alkyl;
- R_{245} and R_{250} at each occurrence are independently H, $C_1-C_4 \text{ alkyl}, \ C_1-C_4 \text{ hydroxyalkyl}, \ C_1-C_4 \text{ alkoxy}, \ C_1-C_4 \text{ haloalkoxy}, \text{ or }$
- R_{245} and R_{250} are taken together with the carbon to which they are attached to form a carbocycle of 3, 4, 5, 6, or 7 carbon atoms.

Preferred compounds of formula AA-3 include compounds wherein

- R_1 is benzyl which is optionally substituted with 1, 2, 3, or 4 groups independently selected from halogen, C_1 C_4 alkoxy, hydroxy, and C_1 - C_4 alkyl optionally substituted with 1, 2, or 3 substituents halogen, OH, SH, NH_2 , $NH(C_1$ - C_6 alkyl), N- $(C_1$ - C_6 alkyl) (C_1 - C_6 alkyl), C=N, CF_3 ;
- R_2 and R_3 are independently selected from H or C_1 - C_4 alkyl optionally substituted with 1 substituent selected from halogen, -OH, -SH, -C \equiv N, -CF $_3$, C_1 - C_3 alkoxy, NH $_2$, NH(C_1 - C_6 alkyl), and NH(C_1 - C_6 alkyl);
- R_C is C_1 - C_8 alkyl optionally substituted with 1, 2, or 3 groups independently selected from R_{205} , -SH, -C=ONR₂₃₅R₂₄₀, and -S(=O)₂NR₂₃₅R₂₄₀; -(CH₂)₀₋₃-(C₃-C₆) cycloalkyl wherein the cycloalkyl is optionally substituted with 1, 2, or 3 groups independently selected from R_{205} , -CO₂H, and -CO₂-(C₁-C₄ alkyl); -(CR₂₄₅R₂₅₀)₀₋₄-phenyl optionally substituted with 1, 2, or 3 R₂₀₀; -(CR₂₄₅R₂₅₀)₀₋₃-pyridyl; -(CR₂₄₅R₂₅₀)₀₋₃-pyridazinyl; -(CR₂₄₅R₂₅₀)₀₋₃-pyrimidinyl; -(CR₂₄₅R₂₅₀)₀₋₃-pyrazinyl; -(CR₂₄₅R₂₅₀)₀₋₃-furyl; -(CR₂₄₅R₂₅₀)₀₋₃-indolyl; -(CR₂₄₅R₂₅₀)₀₋₃-thienyl; -(CR₂₄₅R₂₅₀)₀₋₃-pyrrolyl;

 $(CR_{245}R_{250})_{0-3}$ -benzoxazolyl; - $(CR_{245}R_{250})_{0-3}$ -pyrazolyl; $-(CR_{245}R_{250})_{0-3}$ -imidazolyl; each οf the heteroaryl groups is optionally substituted with 1, or 4 R_{200} ; - $(CR_{245}R_{250})_{0-3}$ -imidazolidinyl; $(CR_{245}R_{250})_{0-3}$ -tetrahydrofuryl; $(CR_{245}R_{250})_{0-3}$ tetrahydropyranyl; $(CR_{245}R_{250})_{0-3}$ -piperazinyl; $(CR_{245}R_{250})_{0-3}$ -pyrrolidinyl; $(CR_{245}R_{250})_{0-3}$ -piperidinyl; $(CR_{245}R_{250})_{0-3}$ -indolinyl; each of the above heterocycloalkyl groups is optionally substituted with 1, 2, 3, or 4 R_{210} ; $(CH_2)_{0-1}$ -CH $((CH_2)_{0-4}$ -OH)- $(CH_2)_{0-1}$ 1-phenyl; - $(CH_2)_{0-1}$ -CH $(C_1$ -C₄ hydroxyalkyl) - $(CH_2)_{0-1}$ pyridyl;

- R₂₀₀ at each occurrence is independently C_1 - C_6 alkyl optionally substituted with 1, 2, or 3 R₂₀₅ groups; OH; -NO₂; halogen; -CO₂H; C \equiv N; -(CH₂)₀₋₄-CO-NR₂₂₀R₂₂₅; -(CH₂)₀₋₄-CO-(C₁-C₈ alkyl); -(CH₂)₀₋₄-CO₂R₂₁₅; and -(CH₂)₀₋₄-O-(C₁-C₆ alkyl optionally substituted with 1, 2, 3, or 5 -F);
- R_{205} at each occurrence is independently C_1 - C_6 alkyl, halogen, -OH, -O-phenyl, -SH, -C \equiv N, -CF $_3$, C_1 - C_6 alkoxy, NH $_2$, NH(C_1 - C_6 alkyl), and N-(C_1 - C_6 alkyl);
- R₂₁₀ at each occurrence is independently C_1 - C_6 alkyl optionally substituted with 1 or 2 R₂₀₅ groups; halogen; C_1 - C_4 alkoxy; C_1 - C_4 haloalkoxy; -NR₂₂₀R₂₂₅; OH; C \equiv N; C_3 - C_7 cycloalkyl optionally substituted with 1 or 2 R₂₀₅ groups; -CO-(C_1 - C_4 alkyl); $_2$ SO₂₋NR₂₃₅R₂₄₀; -CO-NR₂₃₅R₂₄₀; -SO₂-(C_1 - C_4 alkyl); and =O; wherein

 $-(CH_2)_{0-2}-(imidazolidinyl)$ (pyrrolidinyl), - $(CH_2)_{0-2}$ -(piperazinyl), - $(CH_2)_{0-2}$ -(piperidinyl), and $-(CH_2)_{0-2}-(morpholinyl);$ wherein the phenyl is optionally each occurrence group at substituted with 1 or 2 groups that each wherein independently R₂₀₅ or $R_{210};$ heterocycloalkyl group at each occurrence is optionally substituted with 1 2 or group each at wherein each heteroaryl occurrence is optionally substituted with 1 or 2 R₂₁₀;

- R_{220} and R_{225} at each occurrence are independently -H, $-C_1-C_4$ alkyl, hydroxy C_1-C_4 alkyl, halo C_1-C_4 alkyl; $-C_3-C_6$ cycloalkyl, and $-(C_1-C_4$ alkyl)-O- $(C_1-C_2$ alkyl);
- R_{235} and R_{240} at each occurrence are independently H, or $C_1\text{--}C_6$ alkyl;
- R_{245} and R_{250} at each occurrence are independently H, $C_1\text{-}C_4 \text{ alkyl}, \ C_1\text{-}C_4 \text{ hydroxyalkyl}, \ C_1\text{-}C_4 \text{ alkoxy}, \ C_1\text{-}C_4 \text{ haloalkoxy}, \text{ or }$
- R_{245} and R_{250} are taken together with the carbon to which they are attached to form a carbocycle of 3, 4, 5, or 6 carbon atoms.

Other preferred compounds of formula AA-3 include compounds wherein

- X is- C_1 - C_3 alkylidenyl optionally optionally substituted with 1 or 2 methyl groups;
- Z is SO_2 ; SO; S; or C(O);
- Y is C_1-C_4 haloalkyl; OH; $-N(Y_1)(Y_2)$; C_1-C_{10} alkyl optionally substituted with 1 or 2 substituents which can be the same or different and are selected from halogen, hydroxy, C_1-C_4 alkoxy, C_1-C_4 thioalkoxy, and C_1-C_4 haloalkoxy; C_1-C_4 alkoxy; phenyl optionally

substituted with halogen, C_1 - C_4 alkyl, C_1 - C_4 alkoxy, C_1 or NO_2 ; and benzyl optionally substituted with halogen, C_1 - C_4 alkyl, C_1 - C_4 alkoxy, C_1 or NO_2 ; wherein V_1 and V_2 are the same or different and are V_1 are the same or different and are V_2 are alkyl optionally substituted with 1, 2, or 3 substituents selected from halogen, V_1 - V_2 - V_3 - V_4 - V_4 - V_5 - V_5 - V_6 - V_6 - V_6 - V_7 - V_8 - V_8 - V_9 - $V_$

-N(Y_1)(Y_2) forms a ring selected from piperazinyl, piperidinyl, morpholinyl, and pyrolidinyl, wherein each ring is optionally substituted with 1, 2, 3, or 4 groups that are independently C_1 - C_6 alkyl, C_1 - C_6 alkoxy, C_1 - C_6 alkoxy, C_1 - C_6 alkyl, or halogen.

Preferred compounds of formula AA-3 also include those of formula AA-4, i.e., compounds of formula AA-3 wherein

- X is- C_1 - C_3 alkylidenyl optionally optionally substituted with 1 methyl group;
- Z is SO_2 ; SO; S; or C(O);
- Y is OH; $-N(Y_1)(Y_2)$; phenyl; benzyl; or C_1-C_{10} alkyl optionally substituted with 1 or 2 substituents which can be the same or different and are selected from halogen, hydroxy, methoxy, ethoxy, thiomethoxy, thioethoxy, and CF_3 ; wherein
 - Y_1 and Y_2 are the same or different and are H; C_1 - C_4 alkyl optionally substituted with 1 or 2 substituents selected from halogen, methoxy, ethoxy, cyclopropyl, and OH; or
 - $-N(Y_1)(Y_2)$ forms a ring selected from piperazinyl, piperidinyl, morpholinyl, and pyrolidinyl, wherein each ring is optionally substituted

with 1 or 2 groups that are independently C_1-C_4 alkyl, C_1-C_4 alkoxy, or halogen;

R₁ is benzyl which is optionally substituted with 1, 2, or 3 groups independently selected from methyl, ethyl, n-propyl, isopropyl, hydroxymethyl, monohalomethyl, dihalomethyl, trihalomethyl, -CH₂CF₃, methoxymethyl, halogen, methoxy, ethoxy, n-propyloxy, isopropyloxy, and OH;

 R_2 and R_3 are independently H or $C_1\text{-}C_4$ alkyl,

- R_{C} is $C_{1}\text{-}C_{6}$ alkyl optionally substituted with 1, 2, or 3 cyclopropyl, cyclopropylmethyl, groups; cyclopentylmethyl, cyclohexyl, cyclopentyl, cyclohexylmethyl; $-(CR_{245}R_{250})_{0-3}$ -phenyl optionally substituted with 1 or 2 R_{200} groups; -($CR_{245}R_{250}$)₀₋₃pyridyl optionally substituted with 1 or 2 R_{200} ; - $(CR_{245}R_{250})_{0-3}$ -piperazinyl; or pyrrolidinyl; -($CR_{245}R_{250}$)₀₋₃-piperidinyl; each of the optionally groups is heterocycloalkyl substituted with 1 or 2 R_{210} groups;
 - R_{200} at each occurrence is independently selected from $C_1\text{-}C_4$ alkyl optionally substituted with 1 or 2 R_{205} groups; OH; and halogen;
 - R_{205} at each occurrence is independently selected from $C_1\text{-}C_4$ alkyl, halogen, -OH, -SH, -C \equiv N, -CF $_3$, and $C_1\text{-}C_4$ alkoxy;
 - R_{210} at each occurrence is independently selected from C_1 - C_4 alkyl optionally substituted with 1 or 2 R_{205} groups; halogen; C_1 - C_4 alkoxy; OCF₃; NH₂, NH(C_1 - C_6 alkyl); N(C_1 - C_6 alkyl)(C_1 - C_6 alkyl); OH; and -CO-(C_1 - C_4 alkyl); wherein
 - R_{245} and R_{250} at each occurrence are independently selected from H, $C_1\text{-}C_4$ hydroxyalkyl, $C_1\text{-}C_4$ alkoxy, or

 R_{245} and R_{250} are taken together with the carbon to which they are attached to form a carbocycle of 3, 5,or 6 carbon atoms.

Preferred compounds of formulas AA, AA-1 and AA-2 include compounds of formula AA-5, i.e., those of formulae AA, AA-1 or AA-2 wherein

one of R_N and $R_N{}^{{}_{}}$ is hydrogen and the other is -C(=O)- (CRR')_{0-6}R_{100}; and

 R_{100} represents aryl, heteroaryl, or heterocyclyl, where the ring portions of each are optionally substituted with 1, 2, or 3 groups independently selected from

-OR, $-NO_2$, C_1-C_6 alkyl, halogen, $-C \equiv N$, $-OCF_3$, $-CF_3$, - $(CH_2)_{0-4}-O-P(=O)(OR)(OR')$, $-(CH_2)_{0-4}-CO-NR_{105}R'_{105}$, $-(CH_2)_{0-4}-O-(CH_2)_{0-4}-CONR_{102}R_{102}'$ $-(CH_2)_{0-4}-CO-(C_1-C_{12})$ alkyl), $-(CH_2)_{0-4}-CO-(C_2-C_{12} \text{ alkenyl})$, $-(CH_2)_{0-4} CO-(C_2-C_{12} \quad alkynyl), \quad -(CH_2)_{0-4}-CO-(CH_2)_{0-4}(C_3-C_7)$ cycloalkyl), $-(CH_2)_{0-4}-R_{110}$ $-(CH_2)_{0-4}-R_{120}$ $-(CH_2)_{0-4}-R_{130}$, $-(CH_2)_{0-4}-CO-R_{110}$, $-(CH_2)_{0-4}-CO-R_{120}$, $-(CH_2)_{0-4}-CO-R_{130}$, $-(CH_2)_{0-4}-CO-R_{140}$, $-(CH_2)_{0-4}-CO-O R_{150}$, $-(CH_2)_{0-4}-SO_2-NR_{105}R'_{105}$, $-(CH_2)_{0-4}-SO_-(C_1-C_8)$ alkyl), $-(CH_2)_{0-4}-SO_{2-}(C_1-C_{12} \text{ alkyl})$, $-(CH_2)_{0-4}-SO_{2-}$ $(CH_2)_{0-4}$ - $(C_3$ - C_7 cycloalkyl), - $(CH_2)_{0-4}$ - $N(R_{150})$ - CO - O - $-(CH_2)_{0-4}-N(R_{150})-CO-N(R_{150})_2$ R150. $N(R_{150}) - CS - N(R_{150})_2$ -(CH₂)₀₋₄-N(R₁₅₀)-CO-R₁₀₅, $-(CH_2)_{0-4}-NR_{105}R'_{105}$, $-(CH_2)_{0-4}-R_{140}$, $-(CH_2)_{0-4}-O-CO (C_1-C_6 \text{ alkyl}), -(CH_2)_{0-4}-O-P(O)-(O-R_{110})_2, -(CH_2)_{0-4}$ $_{4}$ -O-CO-N(R_{150})₂, -(CH₂)₀₋₄-O-CS-N(R_{150})₂, -(CH₂)₀₋₄- $O-(R_{150})$, $-(CH_2)_{0-4}-O-R_{150}'-COOH$, $-(CH_2)_{0-4}-S-(R_{150})$, -(CH₂)₀₋₄-N(R₁₅₀)-SO₂-R₁₀₅, $-(CH_2)_{0-4} C_3 - C_7$ cycloalkyl, (C_2-C_{10}) alkenyl, or (C_2-C_{10}) alkynyl.

Preferred compounds of formula AA-5 include compounds wherein

one of R_N and $\dot{R}_N{}^{\prime}$ is hydrogen and the other is -C(=0)-R_{100}; and

 R_{100} represents aryl, or heteroaryl, where the ring portions of each are optionally substituted with 1, 2, or 3 groups independently selected from

-OR, -NO₂, C_1 - C_6 alkyl, halogen, -C \equiv N, -OCF₃, -CF₃, - $(CH_2)_{0-4}-O-P(=O)$ (OR) (OR'), $-(CH_2)_{0-4}-CO-NR_{105}R'_{105}$, - $(CH_2)_{0-4}$ -O- $(CH_2)_{0-4}$ -CONR₁₀₂R₁₀₂', - $(CH_2)_{0-4}$ -CO- $(C_1$ - C_{12} alkyl), $-(CH_2)_{0-4}-CO-(C_2-C_{12} \text{ alkenyl})$, $-(CH_2)_{0-4}-$ CO- $(C_2-C_{12} \text{ alkynyl})$, $-(CH_2)_{0-4}-CO-(CH_2)_{0-4}(C_3-C_7)$ $-(CH_2)_{0-4}-R_{110}$, $-(CH_2)_{0-4}-R_{120}$ cycloalkyl), $-(CH_2)_{0-4}-R_{130}$, $-(CH_2)_{0-4}-CO-R_{110}$, $-(CH_2)_{0-4}-CO-R_{120}$, R_{150} , $-(CH_2)_{0-4}-SO_2-NR_{105}R'_{105}$, $-(CH_2)_{0-4}-SO_-(C_1-C_8)$ alkyl), $-(CH_2)_{0-4}-SO_{2-}(C_1-C_{12} \text{ alkyl})$, $-(CH_2)_{0-4}-SO_{2-}$ $(CH_2)_{0-4}$ - $(C_3$ - C_7 cycloalkyl), - $(CH_2)_{0-4}$ - $N(R_{150})$ -CO-O- $-(CH_2)_{0-4}-N(R_{150})-CO-N(R_{150})_2$, $-(CH_2)_{0-4}-N(R_{150})-CO-R_{105}$ $N(R_{150}) - CS - N(R_{150})_2$, $-(CH_2)_{0-4}-NR_{105}R'_{105}$, $-(CH_2)_{0-4}-R_{140}$, $-(CH_2)_{0-4}-O-CO (C_1-C_6 \text{ alkyl})$, $-(CH_2)_{0-4}-O-P(O)-(O-R_{110})_2$, $-(CH_2)_{0-4}$ $_{4}$ -O-CO-N(R₁₅₀)₂, -(CH₂)₀₋₄-O-CS-N(R₁₅₀)₂, -(CH₂)₀₋₄-O- (R_{150}) , - $(CH_2)_{0-4}$ -O- R_{150} '-COOH, - $(CH_2)_{0-4}$ -S- (R_{150}) , - (CH₂)₀₋₄- $-(CH_2)_{0-4}-N(R_{150})-SO_2-R_{105}$, cycloalkyl, (C_2-C_{10}) alkenyl, or (C_2-C_{10}) alkynyl.

Preferred compounds of formula AA-5 also include compounds wherein

one of R_N and R_N ' is hydrogen and the other is -C(=0)-aryl or -C(=0)-heteroaryl where the ring portions of each are optionally substituted with 1, 2, or 3 groups independently selected from

-OR, $-NO_2$, C_1-C_6 alkyl, halogen, $-C\equiv N$, $-OCF_3$, $-CF_3$, $-(CH_2)_{0-4}-CO-NR_{105}R'_{105}$, $-(CH_2)_{0-4}-O-(CH_2)_{0-4}-CO-(C_1-C_{12})$ alkyl), $-(CH_2)_{0-4}-CO-(CH_2)_{0-4}$

 $CO-(C_2-C_{12} \text{ alkenyl}), -(CH_2)_{0-4}-CO-(C_2-C_{12} \text{ alkynyl}),$ $-(CH_2)_{0-4}-R_{110}$ $-(CH_2)_{0-4}-R_{120}$ -(CH₂)₀₋₄-R₁₃₀, $-(CH_2)_{0-4}-CO-R_{110}$, $-(CH_2)_{0-4}-CO-R_{120}$, $-(CH_2)_{0-4}-CO-R_{120}$ R_{130} , $-(CH_2)_{0-4}-CO-R_{140}$, $-(CH_2)_{0-4}-CO-O-R_{150}$, $-(CH_2)_{0-4}$ $-(CH_2)_{0-4}-SO-(C_1-C_8)$ $_{4}-SO_{2}-NR_{105}R'_{105}$ $-(CH_2)_{0-4}-SO_{2-}(C_1-C_{12} \text{ alkyl}), -(CH_2)_{0-4}-N(R_{150})-CO-O R_{150}$, $-(CH_2)_{0-4}-N(R_{150})-CO-N(R_{150})_2$, $-(CH_2)_{0-4} N(R_{150}) - CO - R_{105}$, $-(CH_2)_{0-4} - NR_{105}R'_{105}$, $-(CH_2)_{0-4} - R_{140}$, -(CH₂)₀₋₄-O-CO-(C₁-C₆alkyl), $-(CH_2)_{0-4}-O-CO N(R_{150})_2$, $-(CH_2)_{0-4}$ -O- (R_{150}) , $-(CH_2)_{0-4}$ - $N(R_{150})$ -SO₂-- (CH₂)₀₋₄- C_3 - C_7 cycloalkyl, C_{10}) alkenyl, or (C_2-C_{10}) alkynyl.

Other preferred compounds of formula AA-5 include compounds wherein

one of R_N and R_N ' is hydrogen and the other is -C(=0)-aryl or -C(=0)-heteroaryl where the ring portions of each are optionally substituted with 1 or 2 groups independently selected from

Other preferred compounds of formula AA-5 include compounds wherein

one of R_N and $R_N{}^{{}_{}}$ is hydrogen and the other is -C(=0)-phenyl, where the phenyl ring is optionally substituted with 1 or 2 groups independently selected from

 $-(CH_2)_{0-4}-R_{110}$, $-(CH_2)_{0-4}-R_{120}$, $-(CH_2)_{0-4}-R_{130}$, or (C_2-C_{10}) alkynyl.

Other preferred compounds of formula AA-5 also include compounds wherein one of R_N and $R_N{}^{\prime}$ is hydrogen and the other is:

wherein sub is hydrogen or is C_1-C_6 alkyl, halogen, - $(CH_2)_{0-4}-CO-NR_{105}R'_{105}, \quad -(CH_2)_{0-4}-O-CO-N(R_{150})_2, \quad -(CH_2)_{0-4}-N(R_{150})-SO_2-R_{105}, \quad -(CH_2)_{0-4}-SO_2-NR_{105}R'_{105},$ $C_3-C_7 \quad \text{cycloalkyl}, \quad -(C_2-C_{10}) \text{ alkenyl}, \quad -(CH_2)_{0-4}-R_{110},$ $-(CH_2)_{0-4}-R_{120}, \quad -(CH_2)_{0-4}-R_{130}, \quad \text{or} \quad (C_2-C_{10}) \text{ alkynyl}.$

A preferred stereochemistry for compounds of formula AA is as follows:

$$\begin{array}{c|c} & \mathbb{Q} \mathbb{R}_{N} & \mathbb{R}_{N}' \\ & \mathbb{R}_{1} & \mathbb{R}_{2} & \mathbb{R}_{3} \\ & \mathbb{R}_{4} & \mathbb{R}_{3} & \mathbb{R}_{4} \end{array}$$

$$(AA)$$

Preferred compounds of formula I include those of formula I-1, i.e., compounds of formula I wherein R_1 is aryl, heteroaryl, heterocyclyl, $-C_1-C_6$ alkyl-aryl, $-C_1-C_6$ alkyl-heteroaryl, or $-C_1-C_6$ alkyl-heterocyclyl, where the ring portions of each are optionally substituted with 1, 2, 3, or 4 groups independently selected from halogen, -OH, -SH, $-C\equiv N$, $-NO_2$, $-NR_{105}R'_{105}$, $-CO_2R$, -N(R)COR', or $-N(R)SO_2R'$, $-C(=O)-(C_1-C_4)$ alkyl, $-SO_2$ -amino, $-SO_2$ -mono or dialkylamino, -C(=O)-

amino, -C(=0)-mono or dialkylamino, $-SO_2-(C_1-C_4)$ alkyl, or

- C_1 - C_6 alkoxy optionally substituted with 1, 2, or 3 groups which are independently selected from halogen, or
- C_3-C_7 cycloalkyl optionally substituted with 1, 2, or 3 groups independently selected from halogen, -OH, -SH, -C \equiv N, -CF $_3$, C_1-C_3 alkoxy, amino, - C_1-C_6 alkyl and mono- or dialkylamino, or
- C_1-C_{10} alkyl optionally substituted with 1, 2, or 3 groups independently selected from halogen, -OH, -SH, -C \equiv N, -CF $_3$, -C $_1$ -C $_3$ alkoxy, amino, mono- or dialkylamino and -C $_1$ -C $_3$ alkyl, or
- C_2-C_{10} alkenyl or C_2-C_{10} alkynyl each of which is optionally substituted with 1, 2, or 3 groups independently selected from halogen, -OH, -SH, -C \equiv N, -CF $_3$, C_1-C_3 alkoxy, amino, C_1-C_6 alkyl and mono- or dialkylamino; and the heterocyclyl group is optionally further substituted with oxo.

Preferred compounds of formula I-1 also include those wherein

R₁ is $-C_1-C_6$ alkyl-aryl, $-C_1-C_6$ alkyl-heteroaryl, or $-C_1-C_6$ alkyl-heterocyclyl, where the ring portions of each are optionally substituted with 1, 2, 3, or 4 groups independently selected from halogen, -OH, -SH, $-C\equiv N$, $-NO_2$, $-NR_{105}R'_{105}$, $-CO_2R$, -N(R)COR', or $-N(R)SO_2R'$, $-C(\equiv O)-(C_1-C_4)$ alkyl, $-SO_2$ -amino, $-SO_2$ -mono or dialkylamino, $-C(\equiv O)$ -

amino, -C(=0)-mono or dialkylamino, $-SO_2-(C_1-C_4)$ alkyl, or

- C_1 - C_6 alkoxy optionally substituted with 1, 2, or 3 groups which are independently selected from halogen, or
- C_3 - C_7 cycloalkyl optionally substituted with 1, 2, or 3 groups independently selected from halogen, -OH, -SH, -C \equiv N, -CF $_3$, C_1 - C_3 alkoxy, amino, - C_1 - C_6 alkyl and mono- or dialkylamino, or
- C_1-C_{10} alkyl optionally substituted with 1, 2, or 3 groups independently selected from halogen, -OH, -SH, -C \equiv N, -CF $_3$, -C $_1$ -C $_3$ alkoxy, amino, mono- or dialkylamino and -C $_1$ -C $_3$ alkyl, or
- C_2-C_{10} alkenyl or C_2-C_{10} alkynyl each of which is optionally substituted with 1, 2, or 3 groups independently selected from halogen, -OH, -SH, -C \equiv N, -CF $_3$, C_1-C_3 alkoxy, amino, C_1-C_6 alkyl and mono- or dialkylamino; and the heterocyclyl group is optionally further substituted with oxo.

Preferred compounds of formula I-1 further include those wherein

R₁ is $-(CH_2)$ -aryl, $-(CH_2)$ -heteroaryl, or $-(CH_2)$ -heterocyclyl, where the ring portions of each are optionally substituted with 1, 2, 3, or 4 groups independently selected from halogen, -OH, -SH, $-C\equiv N$, $-NO_2$, $-NR_{105}R'_{105}$, $-CO_2R$, -N(R)COR', or $-N(R)SO_2R'$, -C(=O)- (C_1-C_4) alkyl, $-SO_2$ -amino, $-SO_2$ -mono or dialkylamino, -C(=O)-

amino, -C(=0)-mono or dialkylamino, $-SO_2-(C_1-C_4)$ alkyl, or

- C₁-C₆ alkoxy optionally substituted with 1, 2, or 3 groups which are independently selected from halogen, or
- C₃-C₇ cycloalkyl optionally substituted with 1,
 2, or 3 groups independently selected from
 halogen, -OH, -SH, -C≡N, -CF₃, C₁-C₃
 alkoxy, amino, -C₁-C₆ alkyl and mono- or
 dialkylamino, or
- C_1 - C_{10} alkyl optionally substituted with 1, 2, or 3 groups independently selected from halogen, -OH, -SH, -C \equiv N, -CF₃, -C₁-C₃ alkoxy, amino, mono- or dialkylamino and -C₁-C₃ alkyl, or
- C_2 - C_{10} alkenyl or C_2 - C_{10} alkynyl each of which is optionally substituted with 1, 2, or 3 groups independently selected from halogen, -OH, -SH, -C \equiv N, -CF $_3$, C_1 - C_3 alkoxy, amino, C_1 - C_6 alkyl and mono- or dialkylamino; and the heterocyclyl group is optionally further substituted with oxo.

Preferred compounds of formula I-1 also include those wherein

R₁ is -CH₂-phenyl or -CH₂-pyridinyl where the ring portions of each are optionally substituted with 1, 2, 3, or 4 groups independently selected from halogen, C₁-C₄ alkoxy, hydroxy, -NO₂, and

 C_1 - C_4 alkyl optionally substituted with 1, 2, or 3 substituents independently selected from halogen, OH, SH, NH₂, NH(C_1 - C_6 alkyl), N-(C_1 - C_6 alkyl), C=N, CF₃.

Preferred compounds of formula I-1 further include those wherein

 R_1 is $-CH_2$ -phenyl or $-CH_2$ -pyridinyl where the phenyl or pyridinyl rings are each optionally substituted with 1 or 2 groups independently selected from halogen, C_1-C_2 alkyl, C_1-C_2 alkoxy, hydroxy, $-CF_3$, and $-NO_2$.

Preferred compounds of formula I-1 include those wherein

 R_1 is -CH₂-phenyl where the phenyl ring is optionally substituted with 2 groups independently selected from halogen, C_1 - C_2 alkyl, C_1 - C_2 alkoxy, hydroxy, and -NO₂.

Preferred compounds of formula I-1 also include those wherein R_1 is benzyl, or 3,5-difluorobenzyl.

Preferred compounds of formula I and I-1 include those of formula I-2, i.e., compounds of formula I or I-1 wherein

 R_2 and R_3 are independently selected from H or C_1 - C_6 alkyl optionally substituted with 1, 2, or 3 substituents selected from the group consisting of C_1 - C_3 alkyl, halogen, -OH, -SH, -C \equiv N, -CF $_3$, C_1 - C_3 alkoxy, and -NR $_1$ - $_a$ R $_1$ - $_b$.

Preferred compounds of formula I-2 include those wherein

 R_{C} is selected from the group consisting of $C_{1}\text{-}C_{10}$ alkyl optionally substituted with 1, 2, or 3 groups independently selected from the group consisting of $R_{205}, \quad -\text{OC=ONR}_{235}R_{240}, \quad -\text{S(=O)}_{0\text{--}2}(C_{1}\text{-}C_{6} \quad \text{alkyl})\,, \quad -\text{SH}, \\ -\text{NR}_{235}\text{C=ONR}_{235}R_{240}, \quad -\text{C=ONR}_{235}R_{240}, \quad \text{and} \quad -\text{S(=O)}_{2}\text{NR}_{235}R_{240}; \\ -(\text{CH}_{2})_{0\text{--}3}\text{--}(C_{3}\text{--}C_{8}) \text{ cycloalkyl wherein the cycloalkyl is optionally substituted with 1, 2, or 3 groups independently selected from the group consisting of$

 R_{205} , $-CO_2H$, and $-CO_2-(C_1-C_4 \text{ alkyl})$; $-(CR_{245}R_{250})_{0-4}-\text{aryl}$; - $(CR_{245}R_{250})_{0-4}$ -heteroaryl; $-(CR_{245}R_{250})_{0-4}$ heterocycloalkyl; $-[C(R_{255})(R_{260})]_{1-3}-CO-N-(R_{255})_2;$ CH(aryl)₂; -CH(heteroaryl)₂; -CH(heterocycloalkyl)₂; -CH(aryl)(heteroaryl); $-CO-NR_{235}R_{240}$; $CH((CH_2)_{0-6}-OH)-(CH_2)_{0-1}-aryl;$ $-(CH_2)_{0-1}-CHR_{C-6}-(CH_2)_{0-1}$ heteroaryl; -CH(-aryl or -heteroaryl)-CO-O(C_1 - C_4 alkyl); $-CH(-CH_2-OH)-CH(OH)-phenyl-NO_2$; $(C_1-C_6 alkyl) O-(C_1-C_6 \text{ alkyl})-OH; -CH_2-NH-CH_2-CH(-O-CH_2-CH_3)_2; -H;$ and $-(CH_2)_{0-6}-C(=NR_{235})(NR_{235}R_{240})$; wherein each aryl is optionally substituted with 1, 2, or 3 R200;

- each heteroaryl is optionally substituted with 1, 2, 3, or 4 $R_{200}\,;$
- each heterocycloalkyl is optionally substituted with 1, 2, 3, or 4 $R_{210};$
- R₂₀₀ at each occurrence is independently selected from the group consisting of C_1 - C_6 alkyl optionally substituted with 1, 2, or 3 R₂₀₅ groups; OH; -NO₂; halogen; -CO₂H; C \equiv N; -(CH₂)₀₋₄-CO-NR₂₂₀R₂₂₅; -(CH₂)₀₋₄-CO-(C₁-C₁₂ alkyl); -(CH₂)₀₋₄-CO₂R₂₁₅; and -(CH₂)₀₋₄-O-(C₁-C₆ alkyl optionally substituted with 1, 2, 3, or 5 -F);
 - wherein each aryl group at each occurrence is optionally substituted with 1, 2, or 3 groups that are independently R_{205} , R_{210} or C_1 - C_6 alkyl substituted with 1, 2, or 3 groups that are independently R_{205} or R_{210} ;
 - wherein each heterocycloalkyl group at each occurrence is optionally substituted with 1, 2, or 3 groups that are independently R_{210} ;

wherein each heteroaryl group at each occurrence is optionally substituted with 1, 2, or 3 groups that are independently R_{205} , R_{210} , or C_1 - C_6 alkyl substituted with 1, 2, or 3 groups that are independently R_{205} or R_{210} ;

- R₂₀₅ at each occurrence is independently selected from the group consisting of C_1 - C_6 alkyl, halogen, -OH, -O-phenyl, -SH, -C \equiv N, -CF₃, C_1 - C_6 alkoxy, NH₂, NH(C_1 - C_6 alkyl), and N-(C_1 - C_6 alkyl);
- at each occurrence is independently selected R₂₁₅ from the group consisting of C_1 - C_6 alkyl, -(CH₂) $_{0-2}$ -(aryl), C $_{3-}$ C $_{7}$ cycloalkyl, and -(CH₂) $_{0-2}$ --(CH₂)₀₋₂-(heterocycloalkyl); (heteroaryl), wherein the aryl group at each occurrence is optionally substituted with 1, 2, or 3 groups that are independently R_{205} or R_{210} ; wherein the heterocycloalkyl group at each occurrence is optionally substituted with 1, 2, or 3 R_{210} ; at each heteroaryl group wherein each occurrence is optionally substituted with 1, 2, or 3 R_{210} ;
- R_{220} and R_{225} at each occurrence are independently selected from the group consisting of -H, $-C_1-C_6$

alkyl, hydroxy C_1 - C_6 alkyl, amino C_1 - C_6 alkyl; halo C_1 - C_6 alkyl; $-C_3$ - C_7 cycloalkyl, $-(C_1$ - C_6 alkyl)-O- $(C_1$ - C_3 alkyl), -aryl, -heteroaryl, and -heterocycloalkyl; wherein the aryl group at each occurrence is optionally substituted with 1, 2, or 3 R_{270} groups, each heteroaryl is optionally substituted with 1, 2, 3, or 4 R_{200} , each heterocycloalkyl is optionally substituted with 1, 2, 3, or 4 R_{210} wherein

- R_{270} at each occurrence is independently R_{205} , C_1 - C_6 alkyl optionally substituted with 1, 2, or 3 R_{205} groups; halogen; C_1 - C_6 alkoxy; C_1 - C_6 haloalkoxy; $NR_{235}R_{240}$; OH; $C\equiv N$; -CO- $(C_1$ - C_4 alkyl); and =0; wherein the heterocycloalkyl group at each occurrence is optionally substituted with 1, 2, or 3 R_{205} groups; wherein each heteroaryl group at each occurrence is optionally substituted with 1, 2, or 3 R_{205} groups;
- R_{235} and R_{240} at each occurrence are independently H, or C_1 - C_6 alkyl;
- R_{245} and R_{250} at each occurrence are independently selected from the group consisting of H, C_1 - C_4 alkyl, C_1 - C_4 hydroxyalkyl, C_1 - C_4 alkoxy, C_1 - C_4 haloalkoxy, or
- R_{245} and R_{250} are taken together with the carbon to which they are attached to form a carbocycle of 3, 4, 5, 6, or 7 carbon atoms, wherein the carbocycle is optionally substituted with 1 or 2 groups that are independently OH, methyl, Cl, F, OCH₃, CF₃, NO₂, or CN;
- R_{255} and R_{260} at each occurrence are independently selected from the group consisting of H; C_1 - C_6 alkyl optionally substituted with 1, 2, or 3

 R_{205} groups; $-(CH_2)_{0-4}-C_3-C_7$ cycloalkyl optionally substituted with 1, 2, or 3 R_{205} groups; $-(C_1-C_4$ alkyl)-aryl; $-(C_1-C_4$ alkyl)-heteroaryl; $-(C_1-C_4$ alkyl)-heterocycloalkyl; aryl; heteroaryl; heterocycloalkyl; $-(CH_2)_{1-4}-R_{265}-(CH_2)_{0-4}$ -aryl; $-(CH_2)_{1-4}-R_{265}-(CH_2)_{0-4}$ -heteroaryl; and; $-(CH_2)_{1-4}-R_{265}-(CH_2)_{0-4}$ -heterocycloalkyl; wherein R_{265} at each occurrence is independently -O-, -S- or $-N(C_1-C_6$ alkyl)-; each aryl or phenyl is optionally substituted

each aryl or phenyl is optionally substituted with 1, 2, or 3 groups that are independently R_{205} , R_{210} , or C_1 - C_6 alkyl substituted with 1, 2, or 3 groups that are independently R_{205} or R_{210} .

Preferred compounds of formula I-2 include those wherein:

 R_C is $-(CR_{245}R_{250})_{0-4}$ -aryl, or $-(CR_{245}R_{250})_{0-4}$ -heteroaryl, wherein aryl and heteroaryl are optionally substituted with 1, 2, or 3 R_{200} groups.

Preferred compounds of formula I-2 also include compounds wherein

 R_{C} is $-(CR_{245}R_{250})$ -aryl, or $-(CR_{245}R_{250})$ -heteroaryl wherein each aryl and heteroaryl is optionally substituted with 1, 2, or 3 R_{200} groups.

Preferred compounds of formula I-2 also include compounds wherein

 R_{C} is $-(CH_{2})$ -aryl, or $-(CH_{2})$ -heteroaryl, wherein each aryl and heteroaryl is optionally substituted with 1, 2, or 3 groups selected from OH, $-NO_{2}$, halogen, $-CO_{2}H$, $C\equiv N$, $-(CH_{2})_{0-4}-CO-NR_{220}R_{225}$, $-(CH_{2})_{0-4}-CO-(C_{1}-C_{12})$ alkyl), and $-(CH_{2})_{0-4}-SO_{2}-NR_{220}R_{225}$.

Preferred compounds of formula I-2 also include compounds wherein

 R_C is -(CH₂)-aryl, wherein aryl is optionally substituted with 1, 2, or 3 groups selected from OH, -NO₂, halogen, -CO₂H, and C=N.

Preferred compounds of formula I-2 also include compounds wherein

 R_C is -(CH₂)-phenyl, wherein phenyl is optionally substituted with 1, 2, or 3 groups selected from OH, -NO₂, halogen, -CO₂H, and C=N.

Preferred compounds of formula I-2 also include compounds wherein R_{C} is benzyl.

Other preferred compounds of formulas I, I-1 and I-2 include compounds of formula I-3, i.e., those of formulas I, I-1 or I-2 wherein

R_N is:

$$Y^Z X^{(CH_2)_{n7}-CHC(O)} \overset{\cdot}{R}_4$$

wherein

wherein

n₆ is 0, 1, 2, or 3; n₇ is 0, 1, 2, or 3;

 R_{4-1} is selected from the group consisting of $-SO_2-(C_1-C_8)$ alkyl), $-SO-(C_1-C_8)$ alkyl), $-S-(C_1-C_8)$ alkyl), $-S-CO-(C_1-C_6)$ alkyl), $-SO_2-NR_{4-2}R_{4-3}$; $-CO-C_1-C_2$ alkyl; $-CO-NR_{4-3}R_{4-4}$;

 R_{4-2} and R_{4-3} are independently H, C_1-C_3 alkyl, or C_3-C_6 cycloalkyl;

 R_{4-4} is alkyl, phenylalkyl, C_2-C_4 alkanoyl, or phenylalkanoyl;

cyclobutyl; cyclopentyl; and cyclopropyl; each cycloalkyl group is wherein cyclohexyl; optionally substituted with one or two groups that are C_1 - C_6 alkyl, more preferably C_1 - C_2 alkyl, C_1 - C_6 alkoxy, more preferably C_1 - C_2 alkoxy, CF_3 , OH, NH_2 , $NH(C_1-C_6 \text{ alkyl})$, $N(C_1-C_6 \text{ alkyl})(C_1-C_6 \text{ alkyl})$, halogen, CN, or NO_2 ; or the cycloalkyl group is substituted with 1 or 2 groups that are independently CF3, Cl, F, methyl, ethyl or cyano; C₁-C₆ alkyl optionally substituted with 1, 2, or 3 groups that independently halogen, $-NR_6R_7$, C_1-C_4 alkoxy, C_5-C_6 heterocycloalkyl, C_5-C_6 heteroaryl, phenyl, C_3-C_7 cycloalkyl, $-S-C_1-C_4$ alkyl, $-SO_2-C_1-C_4$ alkyl, $-CO_2H$, -CONR₆R₇, -CO₂-C₁-C₄ alkyl, or phenyloxy; heteroaryl optionally substituted with 1, 2, or 3 groups that are independently C_1 - C_4 alkyl, C_1 - C_4 alkoxy, halogen, C_1 - C_4 haloalkyl, or OH; heterocycloalkyl optionally substituted with 1, 2, or 3 groups that are independently $C_1\text{-}C_4$ alkyl, $C_1\text{-}C_4$ alkoxy, halogen, or $C_2\text{-}C_4$ alkanoyl; phenyl optionally substituted with 1, 2, 3, or 4 groups that are independently halogen, OH, C_1 - C_4 alkyl, C_1 - C_4 alkoxy, or C_1 - C_4 haloalkyl; and -NR₆R₇; wherein R_6 and R_7 are independently selected from the group consisting of H, C_1 - C_6 alkyl, C_2 - C_6 alkanoyl,

R₆ and R₇ are independently selected from the group consisting of H, C₁-C₆ alkyl, C₂-C₆ alkanoyl, phenyl, -SO₂-C₁-C₄ alkyl, and phenyl C₁-C₄ alkyl;
R₈ is selected from the group consisting of -SO₂-heteroaryl optionally substituted with 1 or 2 groups that are independently C₁-C₄ alkyl or halogen; -SO₂-aryl, -SO₂-heterocycloalkyl, -C(O)NHR₉, heterocycloalkyl, -S-C₂-C₄ alkanoyl,

 R_9 is phenyl C_1 - C_4 alkyl, C_1 - C_6 alkyl, or H;

wherein

 R_5

R₅₀ is H or C₁-C₆ alkyl;

R₅₁ is selected from the group consisting of phenyl C_1-C_4 alkyl; C_1-C_6 alkyl optionally substituted with 1, 2, or 3 groups that are independently halogen, cyano, $-NR_6R_7$, $-C(O)NR_6R_7$, C_3-C_7 or $-C_1$ heterocycloalkyl optionally C₄ alkoxy; substituted with 1 or 2 groups that independently C_1 - C_4 alkyl, C_1 - C_4 alkoxy, halogen, C_2 - C_4 alkanoyl, phenyl C_1 - C_4 alkyl, and -SO₂ C_1 - C_4 heterocycloalkylalkyl optionally substituted with 1 or 2 groups that independently C₁-C₄ alkyl, C₁-C₄ alkoxy, halogen, C_2-C_4 alkanoyl, phenyl C_1-C_4 alkyl, and $-SO_2$ C_1-C_4 alkyl; alkenyl; alkynyl; heteroaryl optionally substituted with 1, 2, or 3 groups that are independently OH, C_1-C_4 alkyl, C_1-C_4 alkoxy, $N(C_1-C_6)$ NH_2 , $NH(C_1-C_6$ alkyl) halogen, or alkyl)(C₁-C₆ alkyl); heteroarylalkyl optionally substituted with 1, 2, or 3 groups that are independently C_1-C_4 alkyl, C_1-C_4 alkoxy, halogen, NH_2 , $NH(C_1-C_6$ alkyl) or $N(C_1-C_6$ alkyl)(C_1-C_6 phenyl; $C_3 - C_8$ cycloalkyl, alkyl); and cycloalkylalkyl, wherein the phenyl; $C_3 - C_8$ cycloalkyl, and cycloalkylalkyl groups optionally substituted with 1, 2, 3, 4 or 5 groups that are independently halogen, CN, NO2, C_1-C_6 alkyl, C_1-C_6 alkoxy, C_2-C_6 alkanoyl, C_1-C_6 haloalkyl, C₁-C₆ haloalkoxy, hydroxy, $C_1 - C_6$ hydroxyalkyl, C₁-C₆ alkoxy C₁-C₆ alkyl, C₁-C₆ thioalkoxy, C_1 - C_6 thioalkoxy C_1 - C_6 alkyl, or C_1 - C_6 alkoxy C_1 - C_6 alkoxy.

Preferred compounds of formula I-3 include compounds wherein

R_N is

wherein

X is C_1-C_4 alkylidenyl optionally substituted with 1, 2, or 3 methyl groups; or $-NR_{4-6}-$; or R_4 and R_{4-6} combine to form $-(CH_2)_{n10}-$, wherein n_{10} is 1, 2, 3, or 4;

Z is selected from a bond; SO_2 ; SO; S; and C(O);

- is selected from H; C₁-C₄ haloalkyl; C₅-C₆ heterocycloalkyl containing at least one N, O, or S; phenyl; OH; -N(Y₁)(Y₂); C₁-C₁₀ alkyl optionally substituted with 1 thru 3 substituents which can be the same or different and are selected from halogen, hydroxy, alkoxy, thioalkoxy, and haloalkoxy; C₃-C₈ cycloalkyl optionally substituted with 1, 2, or 3 groups independently selected from C₁-C₃ alkyl, and halogen; alkoxy; phenyl optionally substituted with halogen, C₁-C₄ alkyl, C₁-C₄ alkoxy, CN or NO₂; phenyl C₁-C₄ alkyl optionally substituted with halogen, C₁-C₄ alkoxy, CN or NO₂; wherein
 - Y_1 and Y_2 are the same or different and are H; C_1 - C_{10} alkyl optionally substituted with 1, 2, or 3 substituents selected from the group consisting of halogen, C_1 - C_4 alkoxy, C_3 - C_8 cycloalkyl, and OH; C_2 - C_6 alkenyl; C_2 - C_6 alkanoyl; phenyl; - SO_2 - C_1 - C_4 alkyl; phenyl C_1 - C_4 alkyl; and C_3 - C_8 cycloalkyl C_1 - C_4 alkyl; or
 - $-N\left(Y_1
 ight)\left(Y_2
 ight)$ forms a ring selected from piperazinyl, piperidinyl, morpholinyl, and pyrolidinyl, wherein each ring is optionally substituted with 1, 2, 3, or 4 groups that are

independently C_1-C_6 alkyl, C_1-C_6 alkoxy, C_1-C_6 alkoxy C_1-C_6 alkyl, or halogen.

Preferred compounds of formula I-3 include compounds wherein

- X is C_1 - C_4 alkylidenyl optionally optionally substituted with 1, 2, or 3 methyl groups;
- Z is selected from SO_2 ; SO; S; and C(O);
- selected from H; C_1-C_4 haloalkyl; C_5-C_6 heterocycloalkyl containing at least one N, O, or S; phenyl; OH; $-N(Y_1)(Y_2);$ C_1-C_{10} alkyl optionally substituted with 1 thru 3 substituents which can be the same or different and are selected from the consisting of halogen, group hydroxy, alkoxy, thioalkoxy, and haloalkoxy; C₃-C₈ cycloalkyl optionally substituted with 1, 2, or 3 groups independently selected from C1-C3 alkyl, and halogen; alkoxy; phenyl optionally substituted with halogen, C_1 - C_4 alkyl, C_1 - C_4 alkoxy, CN or NO_2 ; phenyl C_1 - C_4 alkyl optionally substituted with halogen, alkyl, C_1 - C_4 alkoxy, CN or NO_2 ; wherein
 - Y_1 and Y_2 are the same or different and are H; C_1 - C_6 alkyl optionally substituted with 1, 2, or 3 substituents selected from the group consisting of halogen, C_1 - C_4 alkoxy, C_3 - C_8 cycloalkyl, and OH; C_2 - C_6 alkenyl; C_2 - C_6 alkanoyl; phenyl; - SO_2 - C_1 - C_4 alkyl; phenyl C_1 - C_4 alkyl; or C_3 - C_8 cycloalkyl C_1 - C_4 alkyl; or
 - -N(Y_1)(Y_2) forms a ring selected from piperazinyl, piperidinyl, morpholinyl, and pyrolidinyl, wherein each ring is optionally substituted with 1, 2, 3, or 4 groups that are independently C_1 - C_6 alkyl, C_1 - C_6 alkoxy, C_1 - C_6 alkyl, or halogen.

Preferred compounds of formula I-3 include compounds wherein R_N is $\begin{picture}(60,0) \put(0,0){\line(1,0){100}} \put$

and wherein R_4 is NH_2 ; $-NH-(CH_2)_{n6}-R_{4-1}$; $-NHR_8$; $-NR_{50}C(O)R_5$; or $-NR_{50}CO_2R_{51}$ wherein n_6 is 0, 1, 2, or 3;

 n_7 is 0, 1, 2, or 3;

 $R_{4\text{--}2}$ and $R_{4\text{--}3}$ are independently H, $C_1\text{--}C_3$ alkyl, or $C_2\text{--}C_6$ cycloalkyl;

 R_{4-4} is alkyl, phenylalkyl, C_2-C_4 alkanoyl, or phenylalkanoyl;

is cyclopropyl; cyclobutyl; cyclopentyl; or. R_5 cyclohexyl; wherein each cycloalkyl group is optionally substituted with one or two groups that are $C_1\text{-}C_6$ alkyl, more preferably $C_1\text{-}C_2$ alkyl, C₁-C₆ alkoxy, more preferably C₁-C₂ alkoxy, CF_3 , OH, NH_2 , $NH(C_1-C_6$ alkyl), $N(C_1-C_6)$ alkyl) (C_1 - C_6 alkyl), halogen, CN, or NO_2 ; or the cycloalkyl group is substituted with 1 or 2 groups that are independently CF3, Cl, F, methyl, ethyl or cyano; C_1 - C_6 alkyl optionally substituted with 1, 2, or 3 groups that are independently halogen, $-NR_6R_7$, C_1-C_4 alkoxy, C_5- C₆ heterocycloalkyl, C₅-C₆ heteroaryl, phenyl, C_3-C_7 cycloalkyl, $-S-C_1-C_4$ alkyl, $-SO_2-C_1-C_4$ alkyl, $-CO_2H$, $-CONR_6R_7$, $-CO_2-C_1-C_4$ alkyl, or phenyloxy; heteroaryl optionally substituted

with 1, 2, or 3 groups that are independently C_1-C_4 alkyl, C_1-C_4 alkoxy, halogen, haloalkyl, or OH; heterocycloalkyl optionally substituted with 1, 2, or 3 groups that are independently C_1 - C_4 alkyl, C_1 - C_4 alkoxy, halogen, or C₂-C₄ alkanoyl; phenyl optionally substituted with 1, 2, 3, or4 groups that independently halogen, OH, C1-C4 alkyl, C1-C4 alkoxy, or C₁-C₄ haloalkyl; and -NR₆R₇; wherein

- R_6 and R_7 are independently selected from the group consisting of H, C_1 - C_6 alkyl, C_2 - C_6 alkanoyl, phenyl, $-SO_2$ - C_1 - C_4 alkyl, and phenyl C_1 - C_4 alkyl;
- R_8 is selected from the group consisting of $-SO_2$ -heteroaryl optionally substituted with 1 or 2 groups that are independently C_1 - C_4 alkyl or halogen;, $-SO_2$ -aryl, $-SO_2$ -heterocycloalkyl, $-C(O)NHR_9$, heterocycloalkyl, $-S-C_2-C_4$ alkanoyl, wherein

 $$R_9$$ is phenyl $C_1\text{-}C_4$ alkyl, $C_1\text{-}C_6$ alkyl, or H; $$R_{50}$$ is H or $C_1\text{-}C_6$ alkyl; and

 R_{51} is selected from the group consisting of phenyl C_1-C_4 alkyl; C_1-C_6 alkyl optionally substituted with 1, 2, or 3 groups that are independently halogen, cyano, $-NR_6R_7$, $-C(0)NR_6R_7$, C_3-C_7 or $-C_1$ heterocycloalkyl alkoxy; optionally substituted with 1 or 2 groups that are independently C₁-C₄ alkyl, C₁-C₄ alkoxy, halogen, C_2 - C_4 alkanoyl, phenyl C_1 - C_4 alkyl, and -SO₂ C_1 - C_4 heterocycloalkylalkyl alkyl; optionally substituted with 1 or 2 groups that independently C₁-C₄ alkyl, C₁-C₄ alkoxy, halogen, C_2-C_4 alkanoyl, phenyl C_1-C_4 alkyl, and $-SO_2$ C_1-C_4 alkyl; alkenyl; alkynyl; heteroaryl optionally

substituted with 1, 2, or 3 groups that are independently OH, C_1-C_4 alkyl, C_1-C_4 NH_2 , $NH(C_1-C_6$ alkyl) or $N(C_1-C_6)$ halogen, alkyl)(C_1 - C_6 alkyl); heteroarylalkyl optionally substituted with 1, 2, or 3 groups that are independently C_1 - C_4 alkyl, C_1 - C_4 alkoxy, halogen, NH_2 , $NH(C_1-C_6$ alkyl) or $N(C_1-C_6$ alkyl)(C_1-C_6 cycloalkyl, $C_3 - C_8$ alkyl); phenyl; cycloalkylalkyl, wherein the phenyl; C₃-C₈ and cycloalkylalkyl groups are cycloalkyl, optionally substituted with 1, 2, 3, 4 or 5 groups that are independently halogen, CN, NO_2 , C_1-C_6 alkyl, C_1-C_6 alkoxy, C_2-C_6 alkanoyl, C_1-C_6 haloalkyl, C_1 - C_6 haloalkoxy, hydroxy, C_1 - C_6 hydroxyalkyl, C_1-C_6 alkoxy C_1-C_6 alkyl, C_1-C_6 thioalkoxy, C_1 - C_6 thioalkoxy C_1 - C_6 alkyl, or C_1 - C_6 alkoxy C_1 - C_6 alkoxy; and

Y is C_1 - C_{10} alkyl optionally substituted with 1 thru 3 substituents which can be the same or different and are selected from halogen, hydroxy, alkoxy, thioalkoxy, and haloalkoxy.

Preferred compounds of formula I-3 further include compounds wherein

R_C is C_1 - C_8 alkyl optionally substituted with 1, 2, or 3 groups independently selected from the group consisting of R_{205} , $-OC=ONR_{235}R_{240}$, $-S(=O)_{0-2}(C_1-C_6$ alkyl), -SH, $-C=ONR_{235}R_{240}$, and $-S(=O)_2NR_{235}R_{240}$; $-(CH_2)_{0-3}$ - (C_3-C_8) cycloalkyl wherein the cycloalkyl is optionally substituted with 1, 2, or 3 groups independently selected from the group consisting of R_{205} , $-CO_2H$, and $-CO_2-(C_1-C_4$ alkyl); $-(CR_{245}R_{250})_{0-4}$ -phenyl; $-(CR_{245}R_{250})_{0-4}$ -heteroaryl; $-(CR_{245}R_{250})_{0-4}$ -

heterocycloalkyl; $-(CH_2)_{0-1}-CH((CH_2)_{0-4}-OH)-(CH_2)_{0-1}-$ phenyl; $-(CH_2)_{0-1}-CHR_{C-6}-(CH_2)_{0-1}-$ heteroaryl; $-CH(-CH_2-OH)-CH(OH)-$ phenyl $-NO_2$; $(C_1-C_6-alkyl)-O-(C_1-C_6-alkyl)-OH$; or $-(CH_2)_{0-6}-C(=NR_{235})$ $(NR_{235}R_{240})$; wherein each aryl is optionally substituted with 1, 2, or 3 R_{200} ;

- each heteroaryl is optionally substituted with 1, 2, $_{\rm 3}$, or 4 $R_{\rm 200}$;
- each heterocycloalkyl is optionally substituted with 1, 2, 3, or 4 R_{210} ;
- R₂₀₀ at each occurrence is independently C_1 - C_6 alkyl optionally substituted with 1, 2, or 3 R₂₀₅ groups; OH; -NO₂; halogen; -CO₂H; C \equiv N; -(CH₂)₀₋₄-CO-NR₂₂₀R₂₂₅; -(CH₂)₀₋₄-CO-(C₁-C₁₂ alkyl); -(CH₂)₀₋₄-CO₂R₂₁₅; or -(CH₂)₀₋₄-O-(C₁-C₆ alkyl optionally substituted with 1, 2, 3, or 5 -F);
- R₂₀₅ at each occurrence is independently C_1 - C_6 alkyl, halogen, -OH, -O-phenyl, -SH, -C \equiv N, -CF₃, C_1 - C_6 alkoxy, NH₂, NH(C_1 - C_6 alkyl), or N-(C_1 - C_6 alkyl);
- R₂₁₀ at each occurrence is independently C_1 - C_6 alkyl optionally substituted with 1, 2, or 3 R₂₀₅ groups; halogen; C_1 - C_6 alkoxy; C_1 - C_6 haloalkoxy; -NR₂₂₀R₂₂₅; OH; C \equiv N; C_3 - C_7 cycloalkyl optionally substituted with 1, 2, or 3 R₂₀₅ groups; -CO-(C_1 - C_4 alkyl); $_2$ SO₂-NR₂₃₅R₂₄₀; -CO-NR₂₃₅R₂₄₀; -SO₂-(C_1 - C_4 alkyl); and $_2$ SO; wherein
- R_{215} at each occurrence is independently C_1 - C_6 alkyl, $-(CH_2)_{0-2}$ -(phenyl), C_3 - C_7 cycloalkyl, and $-(CH_2)_{0-2}$ -(heteroaryl), $-(CH_2)_{0-2}$ -(heteroaryl); wherein the phenyl group at each occurrence is optionally substituted with 1, 2, or 3 groups that are independently R_{205} or R_{210} ; wherein the

heterocycloalkyl group at each occurrence is optionally substituted with 1, 2, or 3 R_{210} ; wherein each heteroaryl group at each occurrence is optionally substituted with 1, 2, or 3 R_{210} ;

- R_{220} and R_{225} at each occurrence are independently -H, $-C_1-C_6 \quad \text{alkyl}, \quad \text{hydroxy} \quad C_1-C_6 \quad \text{alkyl}, \quad \text{halo} \quad C_1-C_6$ $\text{alkyl}; \quad -C_3-C_7 \quad \text{cycloalkyl}, \quad \text{and} \quad -\left(C_1-C_6 \quad \text{alkyl}\right)-O-\left(C_1-C_3 \quad \text{alkyl}\right);$
- R_{235} and R_{240} at each occurrence are independently H, or $C_1\text{-}C_6$ alkyl;
- R_{245} and R_{250} at each occurrence are independently H, $C_1\text{-}C_4 \text{ alkyl}, \ C_1\text{-}C_4 \text{ hydroxyalkyl}, \ C_1\text{-}C_4 \text{ alkoxy}, \ C_1\text{-}C_4 \text{ haloalkoxy}, \text{ or }$
- R_{245} and R_{250} are taken together with the carbon to which they are attached to form a carbocycle of 3, 4, 5, 6, or 7 carbon atoms.

Preferred compounds of formula I-3 include compounds wherein

- R_1 is benzyl which is optionally substituted with 1, 2, 3, or 4 groups independently selected from halogen, C_1 C_4 alkoxy, hydroxy, and C_1 - C_4 alkyl optionally substituted with 1, 2, or 3 substituents halogen, OH, SH, NH_2 , $NH(C_1$ - C_6 alkyl), N- $(C_1$ - C_6 alkyl) $(C_1$ - C_6 alkyl), $C\equiv N$, CF_3 ;
- R_2 and R_3 are independently selected from H or C_1 - C_4 alkyloptionally substituted with 1 substituent selected from halogen, -OH, -SH, -C \equiv N, -CF $_3$, C_1 - C_3 alkoxy, NH $_2$, NH(C_1 - C_6 alkyl), and NH(C_1 - C_6 alkyl);
- R_{C} is $C_{1}\text{-}C_{8}$ alkyl optionally substituted with 1, 2, or 3 groups independently selected from $R_{205},$ -SH, $-C\text{=}ONR_{235}R_{240}, \quad \text{and} \quad -S(\text{=}O)_{2}NR_{235}R_{240}; \quad -(CH_{2})_{0\text{-}3}\text{-}(C_{3}\text{-}C_{6})$ cycloalkyl wherein the cycloalkyl is optionally

substituted with 1, 2, or 3 groups independently selected from R_{205} , $-CO_2H$, and $-CO_2-(C_1-C_4 \text{ alkyl})$; - $(CR_{245}R_{250})_{0-4}$ -phenyl optionally substituted with 1, 2, or 3 R_{200} ; - $(CR_{245}R_{250})_{0-3}$ -pyridyl; - $(CR_{245}R_{250})_{0-3}$ pyridazinyl; $-(CR_{245}R_{250})_{0-3}$ -pyrimidinyl; $-(CR_{245}R_{250})_{0-3}$ pyrazinyl; $-(CR_{245}R_{250})_{0-3}$ -furyl; $-(CR_{245}R_{250})_{0-3}$ -indolyl; - $(CR_{245}R_{250})_{0-3}$ -thienyl; $-(CR_{245}R_{250})_{0-3}$ -pyrrolyl; - $(CR_{245}R_{250})_{0-3}$ -pyrazolyl; $(CR_{245}R_{250})_{0-3}$ -benzoxazolyl; - $(CR_{245}R_{250})_{0-3}$ -imidazolyl; each ο£ the above heteroaryl groups is optionally substituted with 1, 2, 3, or 4 R_{200} ; - $(CR_{245}R_{250})_{0-3}$ -imidazolidinyl; $(CR_{245}R_{250})_{0-3}$ -tetrahydrofuryl; $(CR_{245}R_{250})_{0-3}$ tetrahydropyranyl; $(CR_{245}R_{250})_{0-3}$ -piperazinyl; $(CR_{245}R_{250})_{0-3}$ -pyrrolidinyl; $(CR_{245}R_{250})_{0-3}$ -piperidinyl; $(CR_{245}R_{250})_{0-3}$ -indolinyl; each of the heterocycloalkyl groups is optionally substituted with 1, 2, 3, or 4 R_{210} ; $(CH_2)_{0-1}$ -CH $((CH_2)_{0-4}$ -OH)- $(CH_2)_{0-1}$ ₁-phenyl; - $(CH_2)_{0-1}$ -CH $(C_1$ -C₄ hydroxyalkyl) - $(CH_2)_{0-1}$ pyridyl;

- R₂₀₀ at each occurrence is independently C_1 - C_6 alkyl optionally substituted with 1, 2, or 3 R₂₀₅ groups; OH; -NO₂; halogen; -CO₂H; C \equiv N; -(CH₂)₀₋₄-CO-NR₂₂₀R₂₂₅; -(CH₂)₀₋₄-CO-(C₁- C_6 alkyl); -(CH₂)₀₋₄-CO₂R₂₁₅; and -(CH₂)₀₋₄-O-(C₁- C_6 alkyl optionally substituted with 1, 2, 3, or 5 -F);
- R_{205} at each occurrence is independently C_1 - C_6 alkyl, halogen, -OH, -O-phenyl, -SH, -C \equiv N, -CF $_3$, C_1 - C_6 alkoxy, NH $_2$, NH(C_1 - C_6 alkyl), and N-(C_1 - C_6 alkyl)(C_1 - C_6 alkyl);
- R_{210} at each occurrence is independently C_1 - C_6 alkyl optionally substituted with 1 or 2 R_{205} groups; halogen; C_1 - C_4 alkoxy; C_1 - C_4 haloalkoxy; -NR $_{220}$ R $_{225}$; OH; $C\equiv$ N; C_3 - C_7 cycloalkyl optionally

substituted with 1 or 2 R_{205} groups; -CO-(C_1 - C_4 alkyl); $_2SO_2$ - $NR_{235}R_{240}$; -CO- $NR_{235}R_{240}$; -SO₂-(C_1 - C_4 alkyl); and =O; wherein

- R_{215} at each occurrence is independently $C_1\text{-}C_6$ alkyl, -(CH₂)₀₋₂-(phenyl), $C_{3-}C_{6}$ cycloalkyl, -(CH₂)₀₋₂-(pyridyl), -(CH₂)₀₋₂-(pyrrolyl), -(CH₂)₀₋₂-(imidazolyl), -(CH₂)₀₋₂-(pyrimidyl), $-(CH_2)_{0-2} -(CH_2)_{0-2}$ -(imidazolidinyl) (pyrrolidinyl), -(CH_2)₀₋₂-(piperazinyl), -(CH_2)₀₋₂-(piperidinyl), and $-(CH_2)_{0-2}-(morpholinyl);$ wherein the phenyl is optionally at each occurrence group substituted with 1 or 2 groups that are independently R_{205} or $R_{210};$ wherein each heterocycloalkyl group at each occurrence is optionally substituted with 1 each heteroaryl group at wherein each occurrence is optionally substituted with 1 or 2 R₂₁₀;
- R_{220} and R_{225} at each occurrence are independently -H, $-C_1-C_4 \quad \text{alkyl}, \quad \text{hydroxy} \quad C_1-C_4 \quad \text{alkyl}, \quad \text{halo} \quad C_1-C_4$ $\quad \text{alkyl}; \quad -C_3-C_6 \quad \text{cycloalkyl}, \quad \text{and} \quad -\left(C_1-C_4 \quad \text{alkyl}\right)-O-\left(C_1-C_2 \quad \text{alkyl}\right);$
- R_{235} and R_{240} at each occurrence are independently H, or $C_1\!-\!C_6$ alkyl;
- R_{245} and R_{250} at each occurrence are independently H, $C_1\text{-}C_4 \text{ alkyl}, \ C_1\text{-}C_4 \text{ hydroxyalkyl}, \ C_1\text{-}C_4 \text{ alkoxy}, \ C_1\text{-}C_4 \text{ haloalkoxy}, \text{ or }$
- R_{245} and R_{250} are taken together with the carbon to which they are attached to form a carbocycle of 3, 4, 5, or 6 carbon atoms.

Other preferred compounds of formula I-3 include compounds wherein

X is- C_1 - C_3 alkylidenyl optionally optionally substituted with 1 or 2 methyl groups;

- Z is SO_2 ; SO; S; or C(O);
- is C_1-C_4 haloalkyl; OH; $-N(Y_1)(Y_2)$; C_1-C_{10} alkyl optionally substituted with 1 or 2 substituents which can be the same or different and are selected from halogen, hydroxy, C₁-C₄ alkoxy, C₁-C₄ thioalkoxy, and C_1-C_4 haloalkoxy; C_1-C_4 alkoxy; phenyl optionally substituted with halogen, C_1-C_4 alkyl, C_1-C_4 alkoxy, CN or NO2; and benzyl optionally substituted with halogen, C₁-C₄ alkyl, C₁-C₄ alkoxy, CN or NO₂; wherein Y_1 and Y_2 are the same or different and are H; C_1 - C_6 alkyl optionally substituted with 1, 2, or 3 substituents selected from halogen, C_1-C_2 alkoxy, C₃-C₆ cycloalkyl, and OH; C₂-C₆ alkanoyl; phenyl; $-SO_2-C_1-C_4$ alkyl; benzyl; and C_3-C_6 cycloalkyl C₁-C₂ alkyl; or
 - $-N(Y_1)(Y_2)$ forms a ring selected from piperazinyl, piperidinyl, morpholinyl, and pyrolidinyl, wherein each ring is optionally substituted with 1, 2, 3, or 4 groups that are independently C_1-C_6 alkyl, C_1-C_6 alkoxy, C_1-C_6 alkoxy C_1-C_6 alkyl, or halogen.

Preferred compounds of formula I-3 also include those of formula I-4, i.e., compounds of formula I-3 wherein

- X is- C_1 - C_3 alkylidenyl optionally optionally substituted with 1 methyl group;
- Z is SO_2 ; SO; S; or C(O);
- Y is OH; $-N(Y_1)(Y_2)$; phenyl; benzyl; or C_1-C_{10} alkyl optionally substituted with 1 or 2 substituents which can be the same or different and are selected

from halogen, hydroxy, methoxy, ethoxy, thiomethoxy, thioethoxy, and CF3; wherein

- Y_1 and Y_2 are the same or different and are H; C_1 - C_4 alkyl optionally substituted with 1 or 2 substituents selected from halogen, methoxy, ethoxy, cyclopropyl, and OH; or
- $-N(Y_1)(Y_2)$ forms a ring selected from piperazinyl, piperidinyl, morpholinyl, and pyrolidinyl, wherein each ring is optionally substituted with 1 or 2 groups that are independently C_1-C_4 alkyl, C_1-C_4 alkoxy, or halogen;
- R₁ is benzyl which is optionally substituted with 1, 2, or 3 groups independently selected from methyl, ethyl, n-propyl, isopropyl, hydroxymethyl, monohalomethyl, dihalomethyl, trihalomethyl, -CH₂CF₃, methoxymethyl, halogen, methoxy, ethoxy, n-propyloxy, isopropyloxy, and OH;
- R_2 and R_3 are independently H or $C_1\text{-}C_4$ alkyl,
- R_{C} is $C_{1}\text{--}C_{6}$ alkyl optionally substituted with 1, 2, or 3 cyclopropyl, cyclopropylmethyl, groups; R₂₀₅ cyclopentylmethyl, cyclohexyl, cyclopentyl, - $(CR_{245}R_{250})_{0-3}$ -phenyl optionally cyclohexylmethyl; substituted with 1 or 2 R_{200} groups; -($CR_{245}R_{250}$)₀₋₃pyridyl optionally substituted with 1 or 2 R_{200} ; - $(CR_{245}R_{250})_{0-3}$ (CR₂₄₅R₂₅₀)₀₋₃-piperazinyl;orpyrrolidinyl; $-(CR_{245}R_{250})_{0-3}$ -piperidinyl; each of the heterocycloalkyl groups is optionally above substituted with 1 or 2 R_{210} groups;
 - R_{200} at each occurrence is independently selected from $C_1\text{-}C_4$ alkyl optionally substituted with 1 or 2 R_{205} groups; OH; and halogen;

 R_{205} at each occurrence is independently selected from C_1 - C_4 alkyl, halogen, -OH, -SH, -C \equiv N, -CF $_3$, and C_1 - C_4 alkoxy;

- R_{210} at each occurrence is independently selected from C_1 - C_4 alkyl optionally substituted with 1 or 2 R_{205} groups; halogen; C_1 - C_4 alkoxy; OCF₃; NH₂, NH(C_1 - C_6 alkyl); N(C_1 - C_6 alkyl)(C_1 - C_6 alkyl); OH; and -CO-(C_1 - C_4 alkyl); wherein
- R_{245} and R_{250} at each occurrence are independently selected from H, $C_1\!-\!C_4$ hydroxyalkyl, $C_1\!-\!C_4$ alkoxy, or
- R_{245} and R_{250} are taken together with the carbon to which they are attached to form a carbocycle of 3, 5,or 6 carbon atoms.

Preferred compounds of formulas I, I-1 and I-2 include compounds of formula I-5, i.e., those of formulae I, I-1 or I-2 wherein

 R_N is $-C(=0) - (CRR')_{0-6}R_{100}$; and

- R_{100} represents aryl, heteroaryl, or heterocyclyl, where the ring portions of each are optionally substituted with 1, 2, or 3 groups independently selected from

$$\begin{split} &N\left(R_{150}\right) - CS - N\left(R_{150}\right)_{2}, &-\left(CH_{2}\right)_{0-4} - N\left(R_{150}\right) - CO - R_{105}, \\ &-\left(CH_{2}\right)_{0-4} - NR_{105}R'_{105}, &-\left(CH_{2}\right)_{0-4} - R_{140}, &-\left(CH_{2}\right)_{0-4} - O - CO - \\ &\left(C_{1} - C_{6} \text{ alkyl}\right), &-\left(CH_{2}\right)_{0-4} - O - P\left(O\right) - \left(O - R_{110}\right)_{2}, &-\left(CH_{2}\right)_{0-4} - O - CO - N\left(R_{150}\right)_{2}, &-\left(CH_{2}\right)_{0-4} - O - CS - N\left(R_{150}\right)_{2}, &-\left(CH_{2}\right)_{0-4} - O - \left(R_{150}\right), &-\left(CH_{2}\right)_{0-4} - O - R_{150}' - COOH, &-\left(CH_{2}\right)_{0-4} - S - \left(R_{150}\right), \\ &-\left(CH_{2}\right)_{0-4} - N\left(R_{150}\right) - SO_{2} - R_{105}, &-\left(CH_{2}\right)_{0-4} - & C_{3} - C_{7} \\ &-\left(CH_{2}\right)_{0-4} - N\left(R_{150}\right) - SO_{2} - R_{105}, &-\left(CH_{2}\right)_{0-4} - C_{10} - C_{10} \\ &-\left(CH_{2}\right)_{0-4} - N\left(R_{150}\right) - SO_{2} - R_{105}, &-\left(CH_{2}\right)_{0-4} - C_{10} \\ &-\left(CH_{2}\right)_{0-4} - N\left(R_{150}\right) - SO_{2} - R_{105}, &-\left(CH_{2}\right)_{0-4} - C_{10} \\ &-\left(CH_{2}\right)_{0-4} - N\left(R_{150}\right) - SO_{2} - R_{105}, &-\left(CH_{2}\right)_{0-4} - C_{10} \\ &-\left(CH_{2}\right)_{0-4} - N\left(R_{150}\right) - SO_{2} - R_{105}, &-\left(CH_{2}\right)_{0-4} - C_{10} \\ &-\left(CH_{2}\right)_{0-4} - N\left(R_{150}\right) - SO_{2} - R_{105}, &-\left(CH_{2}\right)_{0-4} - C_{10} \\ &-\left(CH_{2}\right)_{0-4} - N\left(R_{150}\right) - SO_{2} - R_{105}, &-\left(CH_{2}\right)_{0-4} - C_{10} \\ &-\left(CH_{2}\right)_{0-4} - N\left(R_{150}\right) - SO_{2} - R_{105}, &-\left(CH_{2}\right)_{0-4} - C_{10} \\ &-\left(CH_{2}\right)_{0-4} - N\left(R_{150}\right) - SO_{2} - R_{105}, &-\left(CH_{2}\right)_{0-4} - C_{10} \\ &$$

Preferred compounds of formula I-5 include compounds wherein

 R_N is $-C(=0)-R_{100}$; and

 R_{100} represents aryl, or heteroaryl, where the ring portions of each are optionally substituted with 1, 2, or 3 groups independently selected from

-OR, -NO₂, C_1 - C_6 alkyl, halogen, -C \equiv N, -OCF₃, -CF₃, - $(CH_2)_{0-4}-O-P(=O)(OR)(OR')$, $-(CH_2)_{0-4}-CO-NR_{105}R'_{105}$, $-(CH_2)_{0-4}-O-(CH_2)_{0-4}-CONR_{102}R_{102}'$, $-(CH_2)_{0-4}-CO-(C_1-C_{12})_{0-4}$ alkyl), $-(CH_2)_{0-4}-CO-(C_2-C_{12})$ alkenyl), $-(CH_2)_{0-4}-$ CO-(C_2 - C_{12} alkynyl), -(CH_2)₀₋₄-CO-(CH_2)₀₋₄(C_3 - C_7 $-(CH_2)_{0-4}-R_{110}$, $-(CH_2)_{0-4}-R_{120}$. cycloalkyl), $-(CH_2)_{0-4}-R_{130}$, $-(CH_2)_{0-4}-CO-R_{110}$, $-(CH_2)_{0-4}-CO-R_{120}$, R_{150} , - $(CH_2)_{0-4}$ - SO_2 - $NR_{105}R'_{105}$, - $(CH_2)_{0-4}$ -SO- $(C_1$ - C_8 alkyl), $-(CH_2)_{0-4}^{-}-SO_{2-}(C_1-C_{12} \text{ alkyl})$, $-(CH_2)_{0-4}^{-}-SO_{2-}$ $(CH_2)_{0-4}$ - $(C_3$ - C_7 cycloalkyl), - $(CH_2)_{0-4}$ - $N(R_{150})$ - CO - O - $-(CH_2)_{0-4}-N(R_{150})-CO-N(R_{150})_2,$ -(CH₂)₀₋₄-N(R₁₅₀)-CO-R₁₀₅, $N(R_{150}) - CS - N(R_{150})_2$ $-(CH_2)_{0-4}-NR_{105}R'_{105}$, $-(CH_2)_{0-4}-R_{140}$, $-(CH_2)_{0-4}-O-CO (C_1-C_6 \text{ alkyl})$, $-(CH_2)_{0-4}-O-P(O)-(O-R_{110})_2$, $-(CH_2)_{0-1}$ $_{4}$ -O-CO-N(R_{150})₂, -(CH_{2})₀₋₄-O-CS-N(R_{150})₂, -(CH_{2})₀₋₄- $O-(R_{150})$, $-(CH_2)_{0-4}-O-R_{150}'-COOH$, $-(CH_2)_{0-4}-S-(R_{150})$, - (CH₂)₀₋₄--(CH₂)₀₋₄-N(R₁₅₀)-SO₂-R₁₀₅,cycloalkyl, (C_2-C_{10}) alkenyl, or (C_2-C_{10}) alkynyl.

Preferred compounds of formula I-5 also include compounds wherein

 R_N is -C(=0)-aryl or -C(=0)-heteroaryl where the ring portions of each are optionally substituted with 1, 2, or 3 groups independently selected from

-OR, -NO₂, C_1 - C_6 alkyl, halogen, -C \equiv N, -OCF₃, -CF₃, - $-(CH_2)_{0-4}-O-(CH_2)_{0-4} (CH_2)_{0-4}$ -CO-NR₁₀₅R'₁₀₅, $CONR_{102}R_{102}'$, $-(CH_2)_{0-4}-CO-(C_1-C_{12} \ alkyl)$, $-(CH_2)_{0-4} CO-(C_2-C_{12} \text{ alkenyl}), -(CH_2)_{0-4}-CO-(C_2-C_{12} \text{ alkynyl}),$ $-(CH_2)_{0-4}-R_{110}$, $-(CH_2)_{0-4}-R_{120}$, $-(CH_2)_{0-4}-R_{130}$, $-(CH_2)_{0-4}-CO-R_{110}$, $-(CH_2)_{0-4}-CO-R_{120}$, $-(CH_2)_{0-4}-CO-R_{120}$ R_{130} , - $(CH_2)_{0-4}$ - $CO-R_{140}$, - $(CH_2)_{0-4}$ - $CO-O-R_{150}$, - $(CH_2)_{0-4}$ $_{4}-SO_{2}-NR_{105}R'_{105}$, $-(CH_{2})_{0-4}-SO-(C_{1}-C_{8}$ alkyl), - $(CH_2)_{0-4}$ - SO_{2-} $(C_1$ - C_{12} alkyl), - $(CH_2)_{0-4}$ - $N(R_{150})$ - CO - O - R_{150} , $-(CH_2)_{0-4}-N(R_{150})-CO-N(R_{150})_2$, $-(CH_2)_{0-4} N(R_{150}) - CO - R_{105}$, $-(CH_2)_{0-4} - NR_{105}R'_{105}$, $-(CH_2)_{0-4} - R_{140}$, alky1), $-(CH_2)_{0-4}-O-CO -(CH_2)_{0-4}-O-CO-(C_1-C_6)$ $N(R_{150})_{2}$, $-(CH_{2})_{0-4}$ -O- (R_{150}) , $-(CH_{2})_{0-4}$ - $N(R_{150})$ - SO_{2} --(CH₂)₀₋₄-C₃-C₇ cycloalkyl, (C₂- C_{10}) alkenyl, or (C_2-C_{10}) alkynyl.

Other preferred compounds of formula I-5 include compounds wherein

 R_N is -C(=0)-aryl or -C(=0)-heteroaryl where the ring portions of each are optionally substituted with 1 or 2 groups independently selected from

Other preferred compounds of formula I-5 also include compounds wherein $R_{N}\ \mbox{is:}$

wherein sub is hydrogen or is C_1 - C_6 alkyl, halogen, - $(CH_2)_{0-4}$ -CO- $NR_{105}R'_{105}$, - $(CH_2)_{0-4}$ -O-CO- $N(R_{150})_2$, - $(CH_2)_{0-4}$ - $N(R_{150})$ - SO_2 - R_{105} , - $(CH_2)_{0-4}$ - SO_2 - $NR_{105}R'_{105}$, C_3 - C_7 cycloalkyl, - $(C_2$ - $C_{10})$ alkenyl, - $(CH_2)_{0-4}$ - R_{110} , - $(CH_2)_{0-4}$ - R_{120} , - $(CH_2)_{0-4}$ - R_{130} , or $(C_2$ - $C_{10})$ alkynyl.

A preferred stereochemistry for compounds of formula I is as follows:

$$\begin{array}{c|c}
OH & R_N \\
\hline
 & R_2 \\
\hline
 & R_1 \\
\hline
 & R_2 \\
\hline
 & R_3
\end{array}$$
(I)

Preferred compounds of formula X include those of formula X-1, i.e., compounds of formula X wherein R_1 is aryl, heteroaryl, heterocyclyl, $-C_1$ - C_6 alkyl-aryl, $-C_1$ - C_6 alkyl-heteroaryl, or $-C_1$ - C_6 alkyl-heterocyclyl, where the ring portions of each are optionally substituted with 1, 2, 3, or 4 groups independently selected from halogen, -OH, -SH, $-C\equiv N$, $-NO_2$, $-NR_{105}R'_{105}$, $-CO_2R$, -N(R)COR', or $-N(R)SO_2R'$, -C(=O)- $(C_1$ - $C_4)$ alkyl, $-SO_2$ -amino, $-SO_2$ -mono or dialkylamino, -C(=O)-

 C_1 - C_6 alkoxy optionally substituted with 1, 2, or 3 groups which are independently selected from halogen, or

amino, -C(=0)-mono or dialkylamino, $-SO_2-(C_1-C_4)$

alkyl, or

 C_3 - $\dot{C_7}$ cycloalkyl optionally substituted with 1, 2, or 3 groups independently selected from halogen, -OH, -SH, -C \equiv N, -CF $_3$, C_1 - C_3 alkoxy, amino, -C $_1$ -C $_6$ alkyl and mono- or dialkylamino, or

- C_1-C_{10} alkyl optionally substituted with 1, 2, or 3 groups independently selected from halogen, -OH, -SH, -C \equiv N, -CF $_3$, -C $_1$ -C $_3$ alkoxy, amino, mono- or dialkylamino and -C $_1$ -C $_3$ alkyl, or
- C_2 - C_{10} alkenyl or C_2 - C_{10} alkynyl each of which is optionally substituted with 1, 2, or 3 groups independently selected from halogen, -OH, -SH, -C \equiv N, -CF $_3$, C_1 - C_3 alkoxy, amino, C_1 - C_6 alkyl and mono- or dialkylamino; and the heterocyclyl group is optionally further substituted with oxo.

Preferred compounds of formula X-1 also include those wherein

- R₁ is $-C_1-C_6$ alkyl-aryl, $-C_1-C_6$ alkyl-heteroaryl, or $-C_1-C_6$ alkyl-heterocyclyl, where the ring portions of each are optionally substituted with 1, 2, 3, or 4 groups independently selected from halogen, -OH, -SH, $-C \equiv N$, $-NO_2$, $-NR_{105}R'_{105}$, $-CO_2R$, -N(R)COR', or $-N(R)SO_2R'$, $-C(=O)-(C_1-C_4)$ alkyl, $-SO_2$ -amino, $-SO_2$ -mono or dialkylamino, -C(=O)-amino, -C(=O)-mono or dialkylamino, $-SO_2-(C_1-C_4)$ alkyl, or
 - $C_1\text{-}C_6$ alkoxy optionally substituted with 1, 2, or 3 groups which are independently selected from halogen, or

- C_3 - C_7 cycloalkyl optionally substituted with 1, 2, or 3 groups independently selected from halogen, -OH, -SH, -C \equiv N, -CF $_3$, C_1 - C_3 alkoxy, amino, - C_1 - C_6 alkyl and mono- or dialkylamino, or
- C_1 - C_{10} alkyl optionally substituted with 1, 2, or 3 groups independently selected from halogen, -OH, -SH, -C \equiv N, -CF $_3$, -C $_1$ -C $_3$ alkoxy, amino, mono- or dialkylamino and -C $_1$ -C $_3$ alkyl, or
- C_2 - C_{10} alkenyl or C_2 - C_{10} alkynyl each of which is optionally substituted with 1, 2, or 3 groups independently selected from halogen, -OH, -SH, -C \equiv N, -CF $_3$, C_1 - C_3 alkoxy, amino, C_1 - C_6 alkyl and mono- or dialkylamino; and the heterocyclyl group is optionally further substituted with oxo.

Preferred compounds of formula X-1 further include those wherein

- R₁ is $-(CH_2)$ -aryl, $-(CH_2)$ -heteroaryl, or $-(CH_2)$ -heterocyclyl, where the ring portions of each are optionally substituted with 1, 2, 3, or 4 groups independently selected from halogen, $-(CH_2)$ -OH, $-(CH_2)$ -N(R) $-(CH_$
 - C_1 - C_6 alkoxy optionally substituted with 1, 2, or 3 groups which are independently selected from halogen, or

 C_3 - C_7 cycloalkyl optionally substituted with 1, 2, or 3 groups independently selected from halogen, -OH, -SH, -C \equiv N, -CF $_3$, C_1 - C_3 alkoxy, amino, - C_1 - C_6 alkyl and mono- or dialkylamino, or

- C_1-C_{10} alkyl optionally substituted with 1, 2, or 3 groups independently selected from halogen, -OH, -SH, -C \equiv N, -CF $_3$, -C $_1$ -C $_3$ alkoxy, amino, mono- or dialkylamino and -C $_1$ -C $_3$ alkyl, or
- C_2 - C_{10} alkenyl or C_2 - C_{10} alkynyl each of which is optionally substituted with 1, 2, or 3 groups independently selected from halogen, -OH, -SH, -C \equiv N, -CF $_3$, C_1 - C_3 alkoxy, amino, C_1 - C_6 alkyl and mono- or dialkylamino; and the heterocyclyl group is optionally further substituted with oxo.

Preferred compounds of formula X-1 also include those wherein

R₁ is -CH₂-phenyl or -CH₂-pyridinyl where the ring portions of each are optionally substituted with 1, 2, 3, or 4 groups independently selected from halogen, C₁-C₄ alkoxy, hydroxy, -NO₂, and

 C_1-C_4 alkyl optionally substituted with 1, 2, or 3 substituents independently selected from halogen, OH, SH, NH₂, NH(C_1-C_6 alkyl), N-(C_1-C_6 alkyl), C=N, CF_3 .

Preferred compounds of formula X-1 further include those wherein

 R_1 is $-CH_2$ -phenyl or $-CH_2$ -pyridinyl where the phenyl or pyridinyl rings are each optionally substituted with

1 or 2 groups independently selected from halogen, C_1 - C_2 alkyl, C_1 - C_2 alkoxy, hydroxy, -CF₃, and -NO₂.

Preferred compounds of formula X-1 include those wherein

 R_1 is $-CH_2$ -phenyl where the phenyl ring is optionally substituted with 2 groups independently selected from halogen, C_1 - C_2 alkyl, C_1 - C_2 alkoxy, hydroxy, and $-NO_2$.

Preferred compounds of formula X-1 also include those wherein R_1 is benzyl, or 3,5-difluorobenzyl.

Preferred compounds of formula X or X-1 include those of formula X-2, i.e., compounds of formula X or X-1 wherein

 R_2 and R_3 are independently selected from H or C_1 - C_6 alkyl optionally substituted with 1, 2, or 3 substituents selected from the group consisting of C_1 - C_3 alkyl, halogen, -OH, -SH, -C \equiv N, -CF $_3$, C_1 - C_3 alkoxy, and -NR $_1$ - $_3$ R $_1$ - $_5$.

Preferred compounds of formula X-2 include those wherein

 R_C is selected from the group consisting of $C_1\text{-}C_{10}$ alkyl optionally substituted with 1, 2, or 3 groups independently selected from the group consisting of alkyl), $-S(=0)_{0-2}(C_1-C_6)$ $-OC = ONR_{235}R_{240}$, and $-S(=0)_2NR_{235}R_{240}$; $-NR_{235}C = ONR_{235}R_{240}$, $-C = ONR_{235}R_{240}$, $-(CH_2)_{0-3}-(C_3-C_8)$ cycloalkyl wherein the cycloalkyl is optionally substituted with 1, 2, or 3 groups independently selected from the group consisting of R_{205} , $-CO_2H$, and $-CO_2-(C_1-C_4 \text{ alkyl})$; $-(CR_{245}R_{250})_{0-4}-\text{aryl}$; - $(CR_{245}R_{250})_{0-4}$ -heteroaryl; $-(CR_{245}R_{250})_{0-4}$ heterocycloalkyl; $-[C(R_{255})(R_{260})]_{1-3}-CO-N-(R_{255})_2;$ CH(aryl)₂; -CH(heteroaryl)₂; -CH(heterocycloalkyl)₂; -CH(aryl)(heteroaryl); $-CO-NR_{235}R_{240}$; $-(CH_2)_{0-1}-$

- each aryl is optionally substituted with 1, 2, or 3 R_{200} ;
- each heteroaryl is optionally substituted with 1, 2, 3, or 4 R_{200} ;
- each heterocycloalkyl is optionally substituted with 1, 2, 3, or 4 $R_{210};\;\;$
- R₂₀₀ at each occurrence is independently selected from the group consisting of C_1 - C_6 alkyl optionally substituted with 1, 2, or 3 R₂₀₅ groups; OH; -NO₂; halogen; -CO₂H; C \equiv N; -(CH₂)₀₋₄-CO-NR₂₂₀R₂₂₅; -(CH₂)₀₋₄-CO-(C₁-C₁₂ alkyl); -(CH₂)₀₋₄-CO₂R₂₁₅; and -(CH₂)₀₋₄-O-(C₁-C₆ alkyl optionally substituted with 1, 2, 3, or 5 -F);
 - wherein each aryl group at each occurrence is optionally substituted with 1, 2, or 3 groups that are independently R_{205} , R_{210} or C_1 - C_6 alkyl substituted with 1, 2, or 3 groups that are independently R_{205} or R_{210} ;
 - wherein each heterocycloalkyl group at each occurrence is optionally substituted with 1, 2, or 3 groups that are independently $R_{210};$
 - wherein each heteroaryl group at each occurrence is optionally substituted with 1, 2, or 3 groups that are independently R_{205} , R_{210} , or C_1 - C_6 alkyl substituted with 1, 2, or 3 groups that are independently R_{205} or R_{210} ;

R₂₀₅ at each occurrence is independently selected from the group consisting of C_1 - C_6 alkyl, halogen, -OH, -O-phenyl, -SH, -C \equiv N, -CF₃, C_1 - C_6 alkoxy, NH₂, NH(C_1 - C_6 alkyl), and N-(C_1 - C_6 alkyl)(C_1 - C_6 alkyl);

- R₂₁₀ at each occurrence is independently selected from the group consisting of C_1 - C_6 alkyl optionally substituted with 1, 2, or 3 R₂₀₅ groups; halogen; C_1 - C_6 alkoxy; C_1 - C_6 haloalkoxy; -NR₂₂₀R₂₂₅; OH; C \equiv N; C₃-C₇ cycloalkyl optionally substituted with 1, 2, or 3 R₂₀₅ groups; -CO-(C₁-C₄ alkyl); $_{-}$ SO₂-NR₂₃₅R₂₄₀; -CO-NR₂₃₅R₂₄₀; -SO₂-(C₁-C₄ alkyl); and =O; wherein
- R_{215} at each occurrence is independently selected from the group consisting of $C_1\text{-}C_6$ alkyl, -(CH₂)₀₋₂-(aryl), $C_{3-}C_{7}$ cycloalkyl, and -(CH₂)₀₋₂--(CH₂)₀₋₂-(heterocycloalkyl);(heteroaryl), wherein the aryl group at each occurrence is optionally substituted with 1, 2, or 3 groups that are independently R₂₀₅ or R₂₁₀; wherein the heterocycloalkyl group at each occurrence is optionally substituted with 1, 2, or 3 R₂₁₀; wherein heteroaryl group each occurrence is optionally substituted with 1, 2, or 3 R₂₁₀;
- R_{220} and R_{225} at each occurrence are independently selected from the group consisting of -H, - C_1 - C_6 alkyl, hydroxy C_1 - C_6 alkyl, amino C_1 - C_6 alkyl; halo C_1 - C_6 alkyl; - C_3 - C_7 cycloalkyl, - $(C_1$ - C_6 alkyl)-O- $(C_1$ - C_3 alkyl), -aryl, -heteroaryl, and -heterocycloalkyl; wherein the aryl group at each occurrence is optionally substituted with 1, 2, or 3 R_{270} groups, each heteroaryl is

optionally substituted with 1, 2, 3, or 4 R_{200} , each heterocycloalkyl is optionally substituted with 1, 2, 3, or 4 R_{210} wherein

- at each occurrence is independently R_{205} , C_1 - C_6 alkyl optionally substituted with 1, 2, or 3 halogen; R_{205} groups; C1-C6 alkoxy; haloalkoxy; $NR_{235}R_{240}$; OH; $C\equiv N$; -CO-(C_1 - C_4 alkyl); and =0; wherein the heterocycloalkyl group at each occurrence is optionally substituted with 1, 2, or 3 R_{205} groups; wherein each heteroaryl group at each occurrence is optionally substituted with 1, 2, or 3 $\ensuremath{R_{\text{205}}}$ groups;
- R_{235} and R_{240} at each occurrence are independently H, or $C_1\text{--}C_6$ alkyl;
- R_{245} and R_{250} at each occurrence are independently selected from the group consisting of H, $C_1\!-\!C_4$ alkyl, $C_1\!-\!C_4$ hydroxyalkyl, $C_1\!-\!C_4$ alkoxy, $C_1\!-\!C_4$ haloalkoxy, or
- R_{245} and R_{250} are taken together with the carbon to which they are attached to form a carbocycle of 3, 4, 5, 6, or 7 carbon atoms, wherein the carbocycle is optionally substituted with 1 or 2 groups that are independently OH, methyl, Cl, F, OCH₃, CF₃, NO₂, or CN;
- R₂₅₅ and R₂₆₀ at each occurrence are independently selected from the group consisting of H; C_1 - C_6 alkyl optionally substituted with 1, 2, or 3 R₂₀₅ groups; -(CH_2)₀₋₄- C_3 - C_7 cycloalkyl optionally substituted with 1, 2, or 3 R₂₀₅ groups; -(C_1 - C_4 alkyl)-aryl; -(C_1 - C_4 alkyl)-heterocycloalkyl; aryl; heteroaryl; heterocycloalkyl; aryl; heteroaryl;

- (CH₂) $_{1-4}$ -R₂₆₅- (CH₂) $_{0-4}$ -heteroaryl; and; - (CH₂) $_{1-4}$ -R₂₆₅- (CH₂) $_{0-4}$ -heterocycloalkyl; wherein

 R_{265} at each occurrence is independently -0-, -S- or -N(C_1 - C_6 alkyl)-;

each aryl or phenyl is optionally substituted with 1, 2, or 3 groups that are independently R_{205} , R_{210} , or C_1 - C_6 alkyl substituted with 1, 2, or 3 groups that are independently R_{205} or R_{210} .

Preferred compounds of formula X-2 include those wherein:

 R_C is $-(CR_{245}R_{250})_{0-4}$ -aryl, or $-(CR_{245}R_{250})_{0-4}$ -heteroaryl, wherein aryl and heteroaryl are optionally substituted with 1, 2, or 3 R_{200} groups.

Preferred compounds of formula X-2 also include compounds wherein

 R_{C} is $-(CR_{245}R_{250})$ -aryl, or $-(CR_{245}R_{250})$ -heteroaryl wherein each aryl and heteroaryl is optionally substituted with 1, 2, or 3 R_{200} groups.

Preferred compounds of formula X-2 also include compounds wherein

 R_{C} is -(CH₂)-aryl, or -(CH₂)-heteroaryl, wherein each aryl and heteroaryl is optionally substituted with 1, 2, or 3 groups selected from OH, -NO₂, halogen, -CO₂H, C=N, -(CH₂)₀₋₄-CO-NR₂₂₀R₂₂₅, -(CH₂)₀₋₄-CO-(C₁-C₁₂ alkyl), and -(CH₂)₀₋₄-SO₂-NR₂₂₀R₂₂₅.

Preferred compounds of formula X-2 also include compounds wherein

 R_C is -(CH₂)-aryl, wherein aryl is optionally substituted with 1, 2, or 3 groups selected from OH, -NO₂, halogen, -CO₂H, and C=N.

Preferred compounds of formula X-2 also include compounds wherein

 R_C is -(CH₂)-phenyl, wherein phenyl is optionally substituted with 1, 2, or 3 groups selected from OH, -NO₂, halogen, -CO₂H, and C=N.

Preferred compounds of formula X-2 also include compounds wherein R_{C} is benzyl.

Other preferred compounds of formulas X, X-1 or X-2 include compounds of formula X-3, i.e., those of formulas X, X-1 or X-2 wherein $R_{N}\ \text{is:}$

$$Y^Z X^{(CH_2)_{n7}-CHC(O)-}$$

wherein

 R_4 is NH_2 ; $-NH-(CH_2)_{n6}-R_{4-1}$; $-NHR_8$; $-NR_{50}C(O)R_5$; or $-NR_{50}CO_2R_{51}$;

wherein

n₆ is 0, 1, 2, or 3; n₇ is 0, 1, 2, or 3;

 $R_{4\text{--}2}$ and $R_{4\text{--}3}$ are independently H, $C_1\text{--}C_3$ alkyl, or $C_3\text{--}C_6$ cycloalkyl;

 R_{4-4} is alkyl, phenylalkyl, $C_2 - C_4$ alkanoyl, or phenylalkanoyl;

 R_5 is cyclopropyl; cyclobutyl; cyclopentyl; or cyclohexyl; wherein each cycloalkyl group is optionally substituted with one or two groups that are C_1 - C_6 alkyl, more preferably C_1 - C_2 alkyl, C_1 - C_6 alkoxy, more preferably C_1 - C_2 alkoxy, CF_3 , OH, NH_2 , $NH(C_1$ - C_6 alkyl), $N(C_1$ - C_6 alkyl) $(C_1$ - C_6 alkyl), halogen, CN, or

NO2; or the cycloalkyl group is substituted with 1 or 2 groups that are independently CF3, Cl, F, methyl, ethyl or cyano; C_1 - C_6 alkyl optionally substituted with 1, 2, or 3 groups that are independently halogen, $-NR_6R_7$, C_1-C_4 alkoxy, C_5-C_6 heterocycloalkyl, C_5-C_6 heteroaryl, phenyl, C_3-C_7 cycloalkyl, $-S-C_1-C_4$ alkyl, $-SO_2-C_1-C_4$ alkyl, $-CO_2H$, $-CONR_6R_7$, $-CO_2-C_1-C_4$ optionally heteroaryl phenyloxy; oralkyl, groups that are substituted with 1, 2, or 3 independently C_1 - C_4 alkyl, C_1 - C_4 alkoxy, halogen, C_1 -C4 haloalkyl, or OH; heterocycloalkyl optionally substituted with 1, 2, or 3 groups that are independently C_1 - C_4 alkyl, C_1 - C_4 alkoxy, halogen, or C_2 - C_4 alkanoyl; phenyl optionally substituted with 1, 2, 3, or 4 groups that are independently halogen, OH, C_1 - C_4 alkyl, C_1 - C_4 alkoxy, or C_1 - C_4 haloalkyl; and -NR₆R₇; wherein

- R_6 and R_7 are independently selected from the group consisting of H, C_1 - C_6 alkyl, C_2 - C_6 alkanoyl, phenyl, $-SO_2$ - C_1 - C_4 alkyl, and phenyl C_1 - C_4 alkyl;
- R_8 is selected from the group consisting of $-SO_2$ -heteroaryl optionally substituted with 1 or 2 groups that are independently C_1 - C_4 alkyl or halogen; $-SO_2$ -aryl, $-SO_2$ -heterocycloalkyl, $-C(O)NHR_9$, heterocycloalkyl, $-S-C_2-C_4$ alkanoyl, wherein

 $$R_{9}$$ is phenyl $C_{1}\text{-}C_{4}$ alkyl, $C_{1}\text{-}C_{6}$ alkyl, or H; $$R_{50}$$ is H or $C_{1}\text{-}C_{6}$ alkyl;

 R_{51} is selected from the group consisting of phenyl C_1 - C_4 alkyl; C_1 - C_6 alkyl optionally substituted with 1, 2, or 3 groups that are independently halogen, cyano, $-NR_6R_7$, $-C(O)NR_6R_7$, C_3 - C_7 or $-C_1$ - C_4 alkoxy; heterocycloalkyl optionally

substituted with 1 or 2 groups that are independently C_1 - C_4 alkyl, C_1 - C_4 alkoxy, halogen, C_2 - C_4 alkanoyl, phenyl C_1 - C_4 alkyl, and $-SO_2$ C_1 - C_4 alkyl; heterocycloalkylalkyl substituted with 1 or 2 groups that independently C₁-C₄ alkyl, C₁-C₄ alkoxy, halogen, C_2 - C_4 alkanoyl, phenyl C_1 - C_4 alkyl, and $-SO_2$ C_1 - C_4 alkyl; alkenyl; alkynyl; heteroaryl optionally substituted with 1, 2, or 3 groups that are independently OH, C_1-C_4 alkyl, C_1-C_4 alkoxy, halogen, NH_2 , $NH(C_1-C_6)$ alkyl) or alkyl)(C₁-C₆ alkyl); heteroarylalkyl optionally substituted with 1, 2, or 3 groups that are independently C_1 - C_4 alkyl, C_1 - C_4 alkoxy, halogen, $NH(C_1-C_6 \text{ alkyl})$ or $N(C_1-C_6 \text{ alkyl})(C_1-C_6)$ NH_2 , alkyl); phenyl; $C_3 - C_8$ cycloalkyl, and cycloalkylalkyl, wherein the phenyl; $C_3 - C_8$ cycloalkyl, and cycloalkylalkyl groups optionally substituted with 1, 2, 3, 4 or 5 groups that are independently halogen, CN, NO2, C_1-C_6 alkyl, C_1-C_6 alkoxy, C_2-C_6 alkanoyl, C_1-C_6 haloalkyl, C₁-C₆ haloalkoxy, hydroxy, $C_1 - C_6$ hydroxyalkyl, C_1-C_6 alkoxy C_1-C_6 alkyl, C_1-C_6 thioalkoxy, $C_1\text{-}C_6$ thioalkoxy $C_1\text{-}C_6$ alkyl, or $C_1\text{-}$ C_6 alkoxy C_1 - C_6 alkoxy.

Preferred compounds of formula X-3 include compounds wherein

R_N is

wherein

X is C_1 - C_4 alkylidenyl optionally substituted with 1, 2, or 3 methyl groups; or $-NR_{4-6}$ -; or

 R_4 and R_{4-6} combine to form $-(CH_2)_{n10}-$, wherein n_{10} is 1, 2, 3, or 4;

Z is selected from a bond; SO_2 ; SO_3 ; and C(O);

- C_1-C_4 haloalkyl; $C_5 - C_6$ selected from H; heterocycloalkyl containing at least one N, O, or S; $-N(Y_1)(Y_2)$; C_1-C_{10} alkyl optionally OH; phenyl; substituted with 1 thru 3 substituents which can be the same or different and are selected from halogen, hydroxy, alkoxy, thioalkoxy, and haloalkoxy; C3-C8 cycloalkyl optionally substituted with 1, 2, or 3 groups independently selected from $C_1\text{-}C_3$ alkyl, and halogen; alkoxy; phenyl optionally substituted with halogen, C₁-C₄ alkyl, C₁-C₄ alkoxy, CN or NO₂; phenyl C_1-C_4 alkyl optionally substituted with halogen, C_1-C_4 alkyl, C_1 - C_4 alkoxy, CN or NO_2 ; wherein
 - Y_1 and Y_2 are the same or different and are H; C_1 - C_{10} alkyl optionally substituted with 1, 2, or 3 substituents selected from the group consisting of halogen, C_1 - C_4 alkoxy, C_3 - C_8 cycloalkyl, and OH; C_2 - C_6 alkenyl; C_2 - C_6 alkanoyl; phenyl; - SO_2 - C_1 - C_4 alkyl; phenyl C_1 - C_4 alkyl; and C_3 - C_8 cycloalkyl C_1 - C_4 alkyl; or
 - $-N(Y_1)$ (Y_2) forms a ring selected from piperazinyl, piperidinyl, morpholinyl, and pyrolidinyl, wherein each ring is optionally substituted with 1, 2, 3, or 4 groups that are independently C_1 - C_6 alkyl, C_1 - C_6 alkoxy, C_1 - C_6 alkyl, or halogen.

Preferred compounds of formula X-3 include compounds wherein

- X is C_1 - C_4 alkylidenyl optionally substituted with 1, 2, or 3 methyl groups;
- Z is selected from SO₂; SO; S; and C(O);

H; C_1-C_4 haloalkyl; C_5-C_6 Υ is selected from heterocycloalkyl containing at least one N, O, or S; phenyl; OH; $-N(Y_1)(Y_2)$; C_1-C_{10} alkyl optionally substituted with 1 thru 3 substituents which can be the same or different and are selected from the group consisting of halogen, hydroxy, thioalkoxy, and haloalkoxy; $C_3 - C_8$ cycloalkyl optionally substituted with 1, 2, or 3 groups independently selected from C1-C3 alkyl, and halogen; alkoxy; phenyl optionally substituted with halogen, C_1-C_4 alkyl, C_1-C_4 alkoxy, CN or NO_2 ; phenyl C_1-C_4 alkyl optionally substituted with halogen, C1-C4 alkyl, C₁-C₄ alkoxy, CN or NO₂; wherein

 Y_1 and Y_2 are the same or different and are H; C_1 - C_6 alkyl optionally substituted with 1, 2, or 3 substituents selected from the group consisting of halogen, C_1 - C_4 alkoxy, C_3 - C_8 cycloalkyl, and OH; C_2 - C_6 alkenyl; C_2 - C_6 alkanoyl; phenyl; -SO₂- C_1 - C_4 alkyl; phenyl C_1 - C_4 alkyl; or C_3 - C_8 cycloalkyl C_1 - C_4 alkyl; or

-N(Y_1) (Y_2) forms a ring selected from piperazinyl, piperidinyl, morpholinyl, and pyrolidinyl, wherein each ring is optionally substituted with 1, 2, 3, or 4 groups that are independently C_1 - C_6 alkyl, C_1 - C_6 alkoxy, C_1 - C_6 alkoxy, C_1 - C_6 alkyl, or halogen.

Preferred compounds of formula X-3 include compounds wherein R_{N} is $\begin{tabular}{ll} \end{tabular}$

and wherein R_4 is NH_2 ; $-NH-(CH_2)_{n6}-R_{4-1}$; $-NHR_8$; $-NR_{50}C(0)R_5$; or $-NR_{50}CO_2R_{51}$ wherein

n₆ is 0, 1, 2, or 3; n₇ is 0, 1, 2, or 3;

 R_{4-1} is selected from the group consisting of $-SO_2-(C_1-C_8)$ alkyl), $-SO_1-C_8$ alkyl), $-SO_2-(C_1-C_8)$ alkyl), $-SO_2-NR_{4-2}R_{4-3}$; $-CO_1-C_2$ alkyl; $-CO_1-C_3$ alkyl; $-CO_1-C_4$

 R_{4-2} and R_{4-3} are independently H, C_1-C_3 alkyl, or C_3-C_6 cycloalkyl;

 R_{4-4} is alkyl, phenylalkyl, C_2-C_4 alkanoyl, or phenylalkanoyl;

is cyclopropyl; cyclobutyl; cyclopentyl; R_5 cyclohexyl; wherein each cycloalkyl group is optionally substituted with one or two groups that are C_1 - C_6 alkyl, more preferably C_1 - C_2 alkyl, C₁-C₆ alkoxy, more preferably C₁-C₂ alkoxy, CF_3 , OH, NH_2 , $NH(C_1-C_6$ alkyl), $N(C_1-C_6)$ alkyl)(C1-C6 alkyl), halogen, CN, or NO2; or the cycloalkyl group is substituted with 1 or 2 groups that are independently CF3, Cl, F, methyl, ethyl or cyano; C₁-C₆ alkyl optionally substituted with 1, 2, or 3 groups that are independently halogen, $-NR_6R_7$, C_1-C_4 alkoxy, C_5- C₆ heterocycloalkyl, C₅-C₆ heteroaryl, phenyl, C_3-C_7 cycloalkyl, $-S-C_1-C_4$ alkyl, $-SO_2-C_1-C_4$ alkyl, $-CO_2H$, $-CONR_6R_7$, $-CO_2-C_1-C_4$ alkyl, or phenyloxy; heteroaryl optionally substituted with 1, 2, or 3 groups that are independently C_1-C_4 alkyl, C_1-C_4 alkoxy, halogen, C_1-C_4 haloalkyl, or OH; heterocycloalkyl optionally substituted with 1, 2, or 3 groups that are independently C_1 - C_4 alkyl, C_1 - C_4 alkoxy, halogen, or C2-C4 alkanoyl; phenyl optionally substituted 3, or 4 groups that with 1, 2,

independently halogen, OH, C_1-C_4 alkyl, C_1-C_4 alkoxy, or C_1-C_4 haloalkyl; and $-NR_6R_7$; wherein

- R_6 and R_7 are independently selected from the group consisting of H, C_1 - C_6 alkyl, C_2 - C_6 alkanoyl, phenyl, $-SO_2$ - C_1 - C_4 alkyl, and phenyl C_1 - C_4 alkyl;
- R_8 is selected from the group consisting of $-SO_2$ -heteroaryl optionally substituted with 1 or 2 groups that are independently C_1 - C_4 alkyl or halogen;, $-SO_2$ -aryl, $-SO_2$ -heterocycloalkyl, $-C(O)NHR_9$, heterocycloalkyl, $-S-C_2-C_4$ alkanoyl, wherein

 $$R_9$$ is phenyl $C_1\!-\!C_4$ alkyl, $C_1\!-\!C_6$ alkyl, or H; R_{50} is H or $C_1\!-\!C_6$ alkyl; and

 R_{51} is selected from the group consisting of phenyl C_1-C_4 alkyl; C_1-C_6 alkyl optionally substituted with 1, 2, or 3 groups that are independently halogen, cyano; -NR₆R₇, -C(0)NR₆R₇, C₃-C₇ or -C₁- C_4 alkoxy; heterocycloalkyl optionally substituted with 1 or 2 groups that independently C_1 - C_4 alkyl, C_1 - C_4 alkoxy, halogen, C_2 - C_4 alkanoyl, phenyl C_1 - C_4 alkyl, and $-SO_2$ C_1 - C_4 alkyl; heterocycloalkylalkyl optionally substituted with 1 or 2 groups that are independently C_1 - C_4 alkyl, C_1 - C_4 alkoxy, halogen, C_2 - C_4 alkanoyl, phenyl C_1 - C_4 alkyl, and $-SO_2$ C_1 - C_4 alkyl; alkenyl; alkynyl; heteroaryl optionally substituted with 1, 2, or 3 groups that are independently OH, C_1 - C_4 alkyl, C_1 - C_4 alkoxy, NH_2 , $NH(C_1-C_6)$ alkyl) $N(C_1-C_6)$ alkyl)(C1-C6 alkyl); heteroarylalkyl optionally substituted with 1, 2, or 3 groups that are independently C_1 - C_4 alkyl, C_1 - C_4 alkoxy, halogen, NH_2 , $NH(C_1-C_6$ alkyl) or $N(C_1-C_6$ alkyl)(C_1-C_6

alkyl); phenyl; C_3-C_8 cycloalkyl, and cycloalkylalkyl, wherein the phenyl; C_3-C_8 cycloalkyl, and cycloalkylalkyl groups are optionally substituted with 1, 2, 3, 4 or 5 groups that are independently halogen, CN, NO_2 , C_1-C_6 alkyl, C_1-C_6 alkoxy, C_2-C_6 alkanoyl, C_1-C_6 haloalkyl, C_1-C_6 haloalkoxy, hydroxy, C_1-C_6 hydroxyalkyl, C_1-C_6 alkoxy C_1-C_6 alkyl, C_1-C_6 thioalkoxy, C_1-C_6 alkyl, or C_1-C_6 alkoxy, C_1-C_6 alkoxy, C_1-C_6 alkoxy; and

Y is C_1 - C_{10} alkyl optionally substituted with 1 thru 3 substituents which can be the same or different and are selected from halogen, hydroxy, alkoxy, thioalkoxy, and haloalkoxy.

Preferred compounds of formula X-3 further include compounds wherein

 R_{C} is $C_1\text{-}C_8$ alkyl optionally substituted with 1, 2, or 3 groups independently selected from the group R_{205} , $-OC=ONR_{235}R_{240}$, $-S(=O)_{0-2}(C_1-C_6)$ consisting of alkyl), -SH, -C=ONR₂₃₅R₂₄₀, and -S(=0)₂NR₂₃₅R₂₄₀; -(CH₂)₀₋ $_{3}$ -(C_{3} - C_{8}) cycloalkyl wherein the cycloalkyl optionally substituted with 1, 2, or independently selected from the group consisting of R_{205} , $-CO_2H$, and $-CO_2-(C_1-C_4 \text{ alkyl})$; $-(CR_{245}R_{250})_{0-4}$ phenyl; $-(CR_{245}R_{250})_{0-4}$ -heteroaryl; - (CR₂₄₅R₂₅₀)₀₋₄heterocycloalkyl; $-(CH_2)_{0-1}-CH((CH_2)_{0-4}-OH)-(CH_2)_{0-1}$ phenyl; -(CH₂)₀₋₁-CHR_{C-6}-(CH₂)₀₋₁-heteroaryl; -CH(-CH₂-OH) -CH(OH) -phenyl-NO₂; $(C_1-C_6 \text{ alkyl})$ -O- $(C_1-C_6 \text{ alkyl})$ -OH; or $-(CH_2)_{0-6}-C(=NR_{235})(NR_{235}R_{240})$; wherein each aryl is optionally substituted with 1, 2, or 3

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R₂₀₀;

each heteroaryl is optionally substituted with 1, 2, 3, or 4 $R_{200}\,;$

- each heterocycloalkyl is optionally substituted with 1, 2, 3, or 4 $R_{210};$
- R_{205} at each occurrence is independently $C_1\text{-}C_6$ alkyl, halogen, -OH, -O-phenyl, -SH, -C=N, -CF_3, $C_1\text{-}C_6$ alkoxy, NH₂, NH(C₁-C₆ alkyl), or N-(C₁-C₆ alkyl);
- R₂₁₀ at each occurrence is independently C_1 - C_6 alkyl optionally substituted with 1, 2, or 3 R₂₀₅ groups; halogen; C_1 - C_6 alkoxy; C_1 - C_6 haloalkoxy; -NR₂₂₀R₂₂₅; OH; C \equiv N; C_3 - C_7 cycloalkyl optionally substituted with 1, 2, or 3 R₂₀₅ groups; -CO-(C_1 - C_4 alkyl); $_2$ SO₂-NR₂₃₅R₂₄₀; -CO-NR₂₃₅R₂₄₀; -SO₂-(C_1 - C_4 alkyl); and \equiv O; wherein
- R_{215} at each occurrence is independently $C_1\text{-}C_6$ alkyl, -(CH_2)₀₋₂-(phenyl), C_3 - C_7 cycloalkyl, and -(CH_2)₀₋ 2-(heteroaryl), - $(CH_2)_{0-2}$ - (heterocycloalkyl); wherein the phenyl group at each occurrence is optionally substituted with 1, 2, or 3 groups that are independently $R_{205}\ or\ R_{210};$ wherein the heterocycloalkyl group at each occurrence is optionally substituted with 1, 2, or 3 R_{210} ; wherein each heteroaryl group at occurrence is optionally substituted with 1, 2, or 3 R_{210} ;

 R_{220} and R_{225} at each occurrence are independently -H, $-C_1-C_6$ alkyl, hydroxy C_1-C_6 alkyl, halo C_1-C_6 alkyl; $-C_3-C_7$ cycloalkyl, and $-(C_1-C_6$ alkyl)-O- $(C_1-C_3$ alkyl);

- R_{235} and R_{240} at each occurrence are independently H, or $C_1\text{--}C_6$ alkyl;
- R_{245} and R_{250} at each occurrence are independently H, $C_1\text{-}C_4$ alkyl, $C_1\text{-}C_4$ hydroxyalkyl, $C_1\text{-}C_4$ alkoxy, $C_1\text{-}C_4$ haloalkoxy, or
- R_{245} and R_{250} are taken together with the carbon to which they are attached to form a carbocycle of 3, 4, 5, 6, or 7 carbon atoms.

Preferred compounds of formula X-3 include compounds wherein

- R_1 is benzyl which is optionally substituted with 1, 2, 3, or 4 groups independently selected from halogen, C_1 C_4 alkoxy, hydroxy, and C_1 - C_4 alkyl optionally substituted with 1, 2, or 3 substituents halogen, OH, SH, NH_2 , $NH(C_1$ - C_6 alkyl), N- $(C_1$ - C_6 alkyl) (C_1 - C_6 alkyl), C=N, CF_3 ;
- R_2 and R_3 are independently selected from H or C_1 - C_4 alkyl optionally substituted with 1 substituent selected from halogen, -OH, -SH, -C \equiv N, -CF $_3$, C_1 - C_3 alkoxy, NH $_2$, NH(C_1 - C_6 alkyl), and NH(C_1 - C_6 alkyl);

pyrazinyl; $-(CR_{245}R_{250})_{0-3}$ -furyl; $-(CR_{245}R_{250})_{0-3}$ -indolyl; - $(CR_{245}R_{250})_{0-3}$ -thienyl; - $(CR_{245}R_{250})_{0-3}$ -pyrrolyl; - $(CR_{245}R_{250})_{0-3}$ -pyrazolyl; $(CR_{245}R_{250})_{0-3}$ -benzoxazolyl; - $(CR_{245}R_{250})_{0-3}$ -imidazolyl; each of the heteroaryl groups is optionally substituted with 1, З, 2, or 4 R_{200} ; - $(CR_{245}R_{250})_{0-3}$ -imidazolidinyl; $(CR_{245}R_{250})_{0-3}$ -tetrahydrofuryl; $(CR_{245}R_{250})_{0-3}$ tetrahydropyranyl; $(CR_{245}R_{250})_{0-3}$ -piperazinyl; $(CR_{245}R_{250})_{0-3}$ -pyrrolidinyl; (CR₂₄₅R₂₅₀)₀₋₃-piperidinyl;(CR₂₄₅R₂₅₀)₀₋₃-indolinyl;each of the heterocycloalkyl groups is optionally substituted with 1, 2, 3, or 4 R_{210} ; $(CH_2)_{0-1}$ -CH $((CH_2)_{0-4}$ -OH)- $(CH_2)_{0-1}$ 1-phenyl; $-(CH_2)_{0-1}-CH(C_1-C_4)$ hydroxyalkyl) $-(CH_2)_{0-1}$ pyridyl;

- R_{205} at each occurrence is independently $C_1\text{-}C_6$ alkyl, $\mbox{halogen, -OH, -O-phenyl, -SH, -C\equiv} N, \mbox{-}CF_3, \mbox{-}C_1\text{-}C_6 \\ \mbox{alkoxy, } NH_2, \mbox{NH}(C_1\text{-}C_6 \mbox{ alkyl), and } N\text{-}(C_1\text{-}C_6 \mbox{alkyl);}$
- R₂₁₀ at each occurrence is independently C_1 - C_6 alkyl optionally substituted with 1 or 2 R₂₀₅ groups; halogen; C_1 - C_4 alkoxy; C_1 - C_4 haloalkoxy; -NR₂₂₀R₂₂₅; OH; C \equiv N; C₃-C₇ cycloalkyl optionally substituted with 1 or 2 R₂₀₅ groups; -CO-(C₁-C₄ alkyl); $_{-}$ SO₂-NR₂₃₅R₂₄₀; -CO-NR₂₃₅R₂₄₀; -SO₂-(C₁-C₄ alkyl); and =O; wherein
- R_{215} at each occurrence is independently $C_1\text{-}C_6$ alkyl, $-\left(CH_2\right)_{0\text{-}2}\text{-}\left(\text{phenyl}\right),\quad C_3\text{-}C_6\quad \text{cycloalkyl},\quad -\left(CH_2\right)_{0\text{-}2}\text{-}$

(pyridyl), -(CH₂)₀₋₂-(pyrrolyl), $-(CH_2)_{0-2}-$ (imidazolyl), -(CH₂)₀₋₂-(pyrimidyl), $-(CH_2)_{0-2} -(CH_2)_{0-2}$ -(imidazolidinyl) (pyrrolidinyl), - $(CH_2)_{0-2}$ - (piperazinyl), - $(CH_2)_{0-2}$ - (piperidinyl), and $-(CH_2)_{0-2}-(morpholinyl);$ wherein the phenyl at each occurrence is optionally group substituted with 1 or 2 groups that are wherein or R_{210} ; each independently R₂₀₅ heterocycloalkyl group at each occurrence is optionally substituted with 1 or group at each heteroaryl wherein each occurrence is optionally substituted with 1 or 2 R₂₁₀;

- R_{220} and R_{225} at each occurrence are independently -H, $-C_1-C_4 \quad \text{alkyl}, \quad \text{hydroxy} \quad C_1-C_4 \quad \text{alkyl}, \quad \text{halo} \quad C_1-C_4$ $\quad \text{alkyl}; \quad -C_3-C_6 \quad \text{cycloalkyl}, \quad \text{and} \quad -\left(C_1-C_4 \quad \text{alkyl}\right)-O-\left(C_1-C_2 \quad \text{alkyl}\right);$
- R_{235} and R_{240} at each occurrence are independently H, or $C_1\text{-}C_6$ alkyl;
- R_{245} and R_{250} at each occurrence are independently H, $C_1\text{-}C_4 \text{ alkyl}, \ C_1\text{-}C_4 \text{ hydroxyalkyl}, \ C_1\text{-}C_4 \text{ alkoxy}, \ C_1\text{-}C_4 \text{ haloalkoxy}, \ or$
- R_{245} and R_{250} are taken together with the carbon to which they are attached to form a carbocycle of 3, 4, 5, or 6 carbon atoms.

Other preferred compounds of formula X-3 include compounds wherein

- X is- C_1 - C_3 alkylidenyl optionally optionally substituted with 1 or 2 methyl groups;
- Z is SO_2 ; SO; S; or C(O);
- Y is C_1-C_4 haloalkyl; OH; $-N(Y_1)(Y_2)$; C_1-C_{10} alkyl optionally substituted with 1 or 2 substituents which can be the same or different and are selected

from halogen, hydroxy, C_1-C_4 alkoxy, C_1-C_4 thioalkoxy, and C_1 - C_4 haloalkoxy; C_1 - C_4 alkoxy; phenyl optionally substituted with halogen, C_1 - C_4 alkyl, C_1 - C_4 alkoxy, ${\rm CN}$ or ${\rm NO}_2$; and benzyl optionally substituted with halogen, C_1 - C_4 alkyl, C_1 - C_4 alkoxy, CN or NO_2 ; wherein Y_1 and Y_2 are the same or different and are H; C_1 - C_6 alkyl optionally substituted with 1, 2, or 3. substituents selected from halogen, $C_1 - C_2$ alkoxy, C_3 - C_6 cycloalkyl, and OH; C_2 - C_6 alkanoyl; phenyl; $-SO_2-C_1-C_4$ alkyl; benzyl; and cycloalkyl C1-C2 alkyl; or

 $-N(Y_1)(Y_2)$ forms a ring selected from piperazinyl, piperidinyl, morpholinyl, and pyrolidinyl, wherein each ring is optionally substituted with 1, 2, 3, or 4 groups that are independently C_1 - C_6 alkyl, C_1 - C_6 alkoxy, C_1 - C_6 alkoxy, C_1 - C_6 alkoxy, or halogen.

Preferred compounds of formula X-3 also include those of formula X-4, i.e., compounds of formula X-3 wherein

- X is- C_1 - C_3 alkylidenyl optionally optionally substituted with 1 methyl group;
- Z is SO_2 ; SO; S; or C(O);
- Y is OH; $-N(Y_1)(Y_2)$; phenyl; benzyl; or C_1 - C_{10} alkyl optionally substituted with 1 or 2 substituents which can be the same or different and are selected from halogen, hydroxy, methoxy, ethoxy, thiomethoxy, thioethoxy, and CF_3 ; wherein
 - Y_1 and Y_2 are the same or different and are H; C_1 - C_4 alkyl optionally substituted with 1 or 2 substituents selected from halogen, methoxy, ethoxy, cyclopropyl, and OH; or

 $-N(Y_1)(Y_2)$ forms a ring selected from piperazinyl, piperidinyl, morpholinyl, and pyrolidinyl, wherein each ring is optionally substituted with 1 or 2 groups that are independently C_1-C_4 alkyl, C_1-C_4 alkoxy, or halogen;

R₁ is benzyl which is optionally substituted with 1, 2, or 3 groups independently selected from methyl, ethyl, n-propyl, isopropyl, hydroxymethyl, monohalomethyl, dihalomethyl, trihalomethyl, -CH₂CF₃, methoxymethyl, halogen, methoxy, ethoxy, n-propyloxy, isopropyloxy, and OH;

 R_2 and R_3 are independently H or C_1 - C_4 alkyl;

- R_{C} is $C_1\text{-}C_6$ alkyl optionally substituted with 1, 2, or 3 cyclopropylmethyl, cyclopropyl, groups; R_{205} cyclohexyl, cyclopentylmethyl, cyclopentyl, optionally cyclohexylmethyl; - (CR₂₄₅R₂₅₀)₀₋₃-phenyl substituted with 1 or 2 R_{200} groups; -(CR245R250)0-3pyridyl optionally substituted with 1 or 2 R_{200} ; - $(CR_{245}R_{250})_{0-3}$ $(CR_{245}R_{250})_{0-3}$ -piperazinyl; or pyrrolidinyl; $-(CR_{245}R_{250})_{0-3}$ -piperidinyl; each of the optionally groups is heterocycloalkyl above substituted with 1 or 2 R210 groups;
 - R_{200} at each occurrence is independently selected from $C_1\text{-}C_4$ alkyl optionally substituted with 1 or 2 R_{205} groups; OH; and halogen;
 - R_{205} at each occurrence is independently selected from $C_1\text{-}C_4$ alkyl, halogen, -OH, -SH, -C \equiv N, -CF₃, and $C_1\text{-}C_4$ alkoxy;
 - R₂₁₀ at each occurrence is independently selected from C_1 - C_4 alkyl optionally substituted with 1 or 2 R₂₀₅ groups; halogen; C_1 - C_4 alkoxy; OCF₃; NH₂, NH(C_1 - C_6 alkyl); N(C_1 - C_6 alkyl)(C_1 - C_6 alkyl); OH; and -CO-(C_1 - C_4 alkyl); wherein

 R_{245} and R_{250} at each occurrence are independently selected from H, $C_1\text{-}C_4$ hydroxyalkyl, $C_1\text{-}C_4$ alkoxy, or

 R_{245} and R_{250} are taken together with the carbon to which they are attached to form a carbocycle of 3, 5,or 6 carbon atoms.

Preferred compounds of formulas X, X-1 and X-2 include compounds of formula X-5, i.e., those of formulae X, X-1 or X-2 wherein

 R_N is $-C(=0)-(CRR')_{0-6}R_{100}$; and

 R_{100} represents aryl, heteroaryl, or heterocyclyl, where the ring portions of each are optionally substituted with 1, 2, or 3 groups independently selected from

-OR, -NO₂, C_1 - C_6 alkyl, halogen, -C \equiv N, -OCF₃, -CF₃, - $(CH_2)_{0-4}-O-P(=O)(OR)(OR')$, $-(CH_2)_{0-4}-CO-NR_{105}R'_{105}$, - $(CH_2)_{0-4}$ -O- $(CH_2)_{0-4}$ -CONR₁₀₂R₁₀₂', - $(CH_2)_{0-4}$ -CO- $(C_1$ -C₁₂ alkyl), $-(CH_2)_{0-4}-CO-(C_2-C_{12} \text{ alkenyl})$, $-(CH_2)_{0-4}-$ CO- (C_2-C_{12}) alkynyl), $-(CH_2)_{0-4}-CO-(CH_2)_{0-4}(C_3-C_7)$ cycloalkyl), $-(CH_2)_{0-4}-R_{110}$, $-(CH_2)_{0-4}-R_{120}$ $-(CH_2)_{0-4}-R_{130}$, $-(CH_2)_{0-4}-CO-R_{110}$, $-(CH_2)_{0-4}-CO-R_{120}$, R_{150} , $-(CH_2)_{0-4}-SO_2-NR_{105}R'_{105}$, $-(CH_2)_{0-4}-SO-(C_1-C_8)$ alkyl), $-(CH_2)_{0-4}-SO_{2-}(C_1-C_{12} \text{ alkyl})$, $-(CH_2)_{0-4}-SO_{2-}$ $(CH_2)_{0-4}-(C_3-C_7 \text{ cycloalkyl}), -(CH_2)_{0-4}-N(R_{150})-CO-O -(CH_2)_{0-4}-N(R_{150})-CO-N(R_{150})_2$ $N(R_{150}) - CS - N(R_{150})_2$, $-(CH_2)_{0-4}-N(R_{150})-CO-R_{105}$, $-(CH_2)_{0-4}-NR_{105}R'_{105}$, $-(CH_2)_{0-4}-R_{140}$, $-(CH_2)_{0-4}-O-CO (C_1-C_6 \text{ alkyl})$, $-(CH_2)_{0-4}-O-P(O)-(O-R_{110})_2$, $-(CH_2)_{0-1}$ $_{4}$ -O-CO-N(R₁₅₀)₂, -(CH₂)₀₋₄-O-CS-N(R₁₅₀)₂, -(CH₂)₀₋₄-O- (R_{150}) , - $(CH_2)_{0-4}$ -O- R_{150} '-COOH, - $(CH_2)_{0-4}$ -S- (R_{150}) , -(CH₂)₀₋₄-N(R₁₅₀)-SO₂-R₁₀₅,-(CH₂)₀₋₄cycloalkyl, (C_2-C_{10}) alkenyl, or (C_2-C_{10}) alkynyl.

Preferred compounds of formula X-5 include compounds wherein

 R_N is $-C(=0)-R_{100}$; and

 R_{100} represents aryl, or heteroaryl, where the ring portions of each are optionally substituted with 1, 2, or 3 groups independently selected from

-OR, -NO₂, C_1 - C_6 alkyl, halogen, -C \equiv N, -OCF₃, -CF₃, - $(CH_2)_{0-4}-O-P(=O)$ (OR) (OR'), $-(CH_2)_{0-4}-CO-NR_{105}R'_{105}$, - $(CH_2)_{0-4}$ -O- $(CH_2)_{0-4}$ -CONR₁₀₂R₁₀₂', - $(CH_2)_{0-4}$ -CO- $(C_1$ -C₁₂ alkyl), $-(CH_2)_{0-4}-CO-(C_2-C_{12} \text{ alkenyl})$, $-(CH_2)_{0-4}-$ CO-(C_2 - C_{12} alkynyl), -(CH_2)₀₋₄-CO-(CH_2)₀₋₄(C_3 - C_7 $-(CH_2)_{0-4}-R_{110}, -(CH_2)_{0-4}-R_{120},$ cycloalkyl), $-(CH_2)_{0-4}-R_{130}$, $-(CH_2)_{0-4}-CO-R_{110}$, $-(CH_2)_{0-4}-CO-R_{120}$, $-(CH_2)_{0-4}-CO-R_{130}$, $-(CH_2)_{0-4}-CO-R_{140}$, $-(CH_2)_{0-4}-CO-O-R_{140}$ R_{150} , $-(CH_2)_{0-4}-SO_2-NR_{105}R'_{105}$, $-(CH_2)_{0-4}-SO-(C_1-C_8)$ alkyl), $-(CH_2)_{0-4}-SO_{2-}(C_1-C_{12} \text{ alkyl})$, $-(CH_2)_{0-4}-SO_{2-}$ $(CH_2)_{0-4}$ - $(C_3$ - C_7 cycloalkyl), - $(CH_2)_{0-4}$ - $N(R_{150})$ - CO - O - R_{150} , $-(CH_2)_{0-4}-N(R_{150})-CO-N(R_{150})_2$, $-(CH_2)_{0-4} -(CH_2)_{0-4}-N(R_{150})-CO-R_{105}$ $N(R_{150}) - CS - N(R_{150})_2$, $(C_1-C_6 \text{ alkyl})$, $-(CH_2)_{0-4}-O-P(O)-(O-R_{110})_2$, $-(CH_2)_{0-1}$ $_{4}$ -O-CO-N(R_{150})₂, -(CH_{2})₀₋₄-O-CS-N(R_{150})₂, -(CH_{2})₀₋₄-O-(R_{150}), -(CH_2)₀₋₄-O- R_{150} '-COOH, -(CH_2)₀₋₄-S-(R_{150}), - (CH₂)₀₋₄- $-(CH_2)_{0-4}-N(R_{150})-SO_2-R_{105}$ cycloalkyl, (C_2-C_{10}) alkenyl, or (C_2-C_{10}) alkynyl.

Preferred compounds of formula X-5 also include compounds wherein

 R_N is -C(=0)-aryl or -C(=0)-heteroaryl where the ring portions of each are optionally substituted with 1, 2, or 3 groups independently selected from

-OR, -NO₂, C_1 - C_6 alkyl, halogen, -C \equiv N, -OCF₃, -CF₃, - (CH₂)₀₋₄-CO-NR₁₀₅R'₁₀₅, - (CH₂)₀₋₄-O-(CH₂)₀₋₄-CO-(C₁- C_{12} alkyl), - (CH₂)₀₋₄-

 $CO^{-}(C_2-C_{12} \text{ alkenyl}), -(CH_2)_{0-4}-CO^{-}(C_2-C_{12} \text{ alkynyl}),$ $-(CH_2)_{0-4}-R_{110}$ $-(CH_2)_{0-4}-R_{120}$, $-(CH_2)_{0-4}-R_{130}$, $-(CH_2)_{0-4}-CO-R_{110}$, $-(CH_2)_{0-4}-CO-R_{120}$, $-(CH_2)_{0-4}-CO-R_{120}$ R_{130} , - $(CH_2)_{0-4}$ - $CO-R_{140}$, - $(CH_2)_{0-4}$ - $CO-O-R_{150}$, - $(CH_2)_{0-4}$ 4-SO₂-NR₁₀₅R'₁₀₅, - (CH₂)₀₋₄-SO- (C₁-C₈ - $(CH_2)_{0-4}$ - SO_{2-} $(C_1$ - C_{12} alkyl), - $(CH_2)_{0-4}$ - $N(R_{150})$ - CO - O --(CH₂)₀₋₄-N(R₁₅₀)-CO-N(R₁₅₀)₂, $-(CH_2)_{0-4} N(R_{150}) - CO - R_{105}$, $-(CH_2)_{0-4} - NR_{105}R'_{105}$, $-(CH_2)_{0-4} - R_{140}$, -(CH₂)₀₋₄-O-CO-(C₁-C₆alkyl), $-(CH_2)_{0-4}-O-CO N(R_{150})_2$, $-(CH_2)_{0-4}$ -O- (R_{150}) , $-(CH_2)_{0-4}$ - $N(R_{150})$ - SO_2 --(CH₂)₀₋₄- C₃-C₇ cycloalkyl, (C₂- C_{10}) alkenyl, or (C_2-C_{10}) alkynyl.

Other preferred compounds of formula X-5 include compounds wherein

 R_N is -C(=0)-aryl or -C(=0)-heteroaryl where the ring portions of each are optionally substituted with 1 or 2 groups independently selected from

Other preferred compounds of formula X-5 also include compounds wherein $R_{\mbox{\scriptsize N}}$ is:

wherein sub is hydrogen or is C_1 - C_6 alkyl, halogen, - $(CH_2)_{0-4}-CO-NR_{105}R'_{105}, \qquad -(CH_2)_{0-4}-O-CO-N\left(R_{150}\right)_2, \qquad - \\ (CH_2)_{0-4}-N\left(R_{150}\right)-SO_2-R_{105}, \qquad -(CH_2)_{0-4}-SO_2-NR_{105}R'_{105},$

$$C_3-C_7$$
 cycloalkyl, $-(C_2-C_{10})$ alkenyl, $-(CH_2)_{0-4}-R_{110}$, $-(CH_2)_{0-4}-R_{120}$, $-(CH_2)_{0-4}-R_{130}$, or (C_2-C_{10}) alkynyl.

A preferred stereochemistry for compounds of formula X is as follows:

$$R_N$$
 Q
 H_2N
 R_1
 R_2
 R_3
 R_3
 R_3

In another aspect, the invention provides intermediates of the formula (IA):

PROT
$$\stackrel{\text{H}}{\underset{R_1}{\overset{QH}{\overset{P}}{\underset{R_2}{\overset{P}{\underset{R_3}{\overset{P}{\underset{R_2}{\overset{P}{\underset{R_3}{\overset{P}}{\underset{R_1}{\overset{P}{\underset{R_1}{\overset{P}{\underset{R_1}{\overset{P}{\underset{R_1}{\overset{P}{\underset{R_1}{\overset{P}{\underset{R_1}{\overset{P}{\underset{R_1}{\overset{P}{\underset{R_1}{\overset{P}{\underset{R_1}{\overset{P}{\underset{R_1}{\overset{P}{\underset{R_1}{\overset{P}{\underset{R_1}{\overset{P}{\underset{R_1}{\overset{P}{\underset{R_1}{\overset{P}}{\underset{R_1}{\overset{P}}{\underset{R_1}{\overset{P}}{\underset{R}}{\overset{P}}{\underset{R}}{\overset{P}}{\underset{R}}{\overset{P}}{\underset{R}}{\overset{P}}{\underset{R}}{\overset{P}}{\underset{R}}{\overset{P}}{\underset{R}}{\overset{P}}{\underset{R}}{\overset{P}}{\underset{R}}{\overset{P}}{\underset{R}}{\overset{P}}{\underset{R}}{\overset{P}}{\underset{R}}{\overset{P}}{\underset{R}}{\overset{P}}{\underset{R}}{\overset{P}}{\underset{R}}{\overset{P}}{\underset{R}}{\overset{P}}{\overset{P}}{\underset{R}}{\overset{P}$$

wherein R_1 , R_2 , R_3 , R_N , and R_C are as defined above for compounds of formula I, and PROT is an amine protecting group as defined below.

In another aspect, the invention provides intermediates of the formula (XA):

PROT
$$R_1$$
 R_2 R_3 R_3 R_3 R_4 R_5 R_6 R_8

wherein R_1 , R_2 , R_3 , R_N , and R_C are as defined above for compounds of formula I, and PROT is an amine protecting group as defined below

The invention also provides methods of generating compounds of formula (Y) from the compounds of formula (AA), formula (I) or formula (X), which are useful for treating and/or preventing Alzheimer's disease. The generation of compounds of formula (Y) from compounds of formulae (AA), (I) or (X) can occur in vivo or in vitro.

The invention also provides processes for converting compounds of formula AA, I or X to the compounds of formula Y by exposing compounds of formula AA, I or X to aqueous media. The conversion can occur in vitro or in vivo.

The invention also provides methods for treating a patient who has, or in preventing a patient from getting, a disease or condition selected from the group consisting of Alzheimer's disease, for helping prevent or delay the onset of Alzheimer's disease, for treating patients with mild cognitive impairment (MCI) and preventing delaying the onset of Alzheimer's disease in those who would progress from MCI to AD, for treating Down's syndrome, for treating humans who have Hereditary Cerebral Hemorrhage with Amyloidosis of the Dutch-Type, for treating cerebral amyloid angiopathy and preventing its potential consequences, i.e. single and recurrent lobar hemorrhages, for treating other degenerative including dementias of mixed vascular and dementias, degenerative origin, dementia associated with Parkinson's disease, dementia associated with progressive supranuclear palsy, dementia associated with cortical basal degeneration, or diffuse body Lewy Alzheimer's disease and who is in need of such treatment

which includes administration of a therapeutically effective amount of a compound of formula (AA), (I) or (X) or a pharmaceutically acceptable salts thereof.

In an embodiment, this method of treatment can be used where the disease is Alzheimer's disease.

In an embodiment, this method of treatment can help prevent or delay the onset of Alzheimer's disease.

In an embodiment, this method of treatment can be used where the disease is mild cognitive impairment.

In an embodiment, this method of treatment can be used where the disease is Down's syndrome.

In an embodiment, this method of treatment can be used where the disease is Hereditary Cerebral Hemorrhage with Amyloidosis of the Dutch-Type.

In an embodiment, this method of treatment can be used where the disease is cerebral amyloid angiopathy.

In an embodiment, this method of treatment can be used where the disease is degenerative dementias.

In an embodiment, this method of treatment can be used where the disease is diffuse Lewy body type of Alzheimer's disease.

In an embodiment, this method of treatment can treat an existing disease.

In an embodiment, this method of treatment can prevent a disease from developing.

In an embodiment, this method of treatment can employ therapeutically effective amounts: for oral administration from about 0.1 mg/day to about 1,000 mg/day; for parenteral, sublingual, intranasal, intrathecal administration from about 0.5 to about 100 mg/day; for depo administration and implants from about 0.5 mg/day to about 50 mg/day; for topical administration

from about 0.5 mg/day to about 200 mg/day; for rectal administration from about 0.5 mg to about 500 mg.

In an embodiment, this method of treatment can employ therapeutically effective amounts: for oral administration from about 1 mg/day to about 100 mg/day; and for parenteral administration from about 5 to about 50 mg daily.

In an embodiment, this method of treatment can employ therapeutically effective amounts for oral administration from about 5 mg/day to about 50 mg/day.

The invention also includes pharmaceutical compositions which include a compound of formula (AA), (I) or (X) or a pharmaceutically acceptable salts thereof.

The invention also includes the use of a compound of formula (AA), (I) or (X) or pharmaceutically acceptable salts thereof for the manufacture of a medicament.

The invention also includes methods for inhibiting beta-secretase activity, for inhibiting cleavage of amyloid precursor protein (APP), in a reaction mixture, at a site between Met596 and Asp597, numbered for the APP-695 amino acid isotype, or at a corresponding site of an isotype or mutant thereof; for inhibiting production amyloid beta peptide (A beta) in a cell; for inhibiting the production of beta-amyloid plaque in an animal; and for treating or preventing characterized by beta-amyloid deposits in the brain. These methods each include administration of therapeutically effective amount of a compound of formula (AA), (I) or (X) or a pharmaceutically acceptable salts thereof.

The invention also includes a method for inhibiting beta-secretase activity, including exposing said beta-

secretase to a compound of formula (AA), (I) or (X), under conditions whereby an effective inhibitory amount of a compound of formula (Y), or a pharmaceutically acceptable salt thereof, is formed.

In an embodiment, this method employs a compound that inhibits 50% of the enzyme's activity at a concentration of less than 50 micromolar.

In an embodiment, this method employs a compound that inhibits 50% of the enzyme's activity at a concentration of 10 micromolar or less.

In an embodiment, this method employs a compound that inhibits 50% of the enzyme's activity at a concentration of 1 micromolar or less.

In an embodiment, this method employs a compound that inhibits 50% of the enzyme's activity at a concentration of 10 nanomolar or less.

In an embodiment, this method includes exposing said beta-secretase to said compound in vitro.

In an embodiment, this method includes exposing said . beta-secretase to said compound in a cell.

In an embodiment, this method includes exposing said beta-secretase to said compound in a cell in an animal.

In an embodiment, this method includes exposing said beta-secretase to said compound in a human.

The invention also includes a method for inhibiting cleavage of amyloid precursor protein (APP), in a reaction mixture, at a site between Met596 and Asp597, numbered for the APP-695 amino acid isotype; or at a corresponding site of an isotype or mutant thereof, including exposing said reaction mixture to an effective inhibitory amount of a compound of formula (AA), (I) or (X), or a pharmaceutically acceptable salt thereof.

In an embodiment, this method employs a cleavage site: between Met652 and Asp653, numbered for the APP-751 isotype; between Met 671 and Asp 672, numbered for the APP-770 isotype; between Leu596 and Asp597 of the APP-695 Swedish Mutation; between Leu652 and Asp653 of the APP-751 Swedish Mutation; or between Leu671 and Asp672 of the APP-770 Swedish Mutation.

In an embodiment, this method exposes said reaction mixture in vitro.

In an embodiment, this method exposes said reaction mixture in a cell.

In an embodiment, this method exposes said reaction mixture in an animal cell.

In an embodiment, this method exposes said reaction mixture in a human cell.

The invention also includes a method for inhibiting production of amyloid beta peptide (A beta) in a cell, including administering to said cell a compound of formula (AA), (I) or (X), under conditions whereby an effective inhibitory amount of a compound of formula (Y), or a pharmaceutically acceptable salt thereof, is formed.

In an embodiment, this method includes administering to an animal.

In an embodiment, this method includes administering to a human.

The invention also includes a method for inhibiting the production of beta-amyloid plaque in an animal, including administering to said animal a compound of formula (AA), (I) or (X), under conditions whereby an effective inhibitory amount of a compound of formula (Y), or a pharmaceutically acceptable salt thereof, is formed.

In an embodiment, this method includes administering to a human.

The invention also includes a method for treating or preventing a disease characterized by beta-amyloid deposits in the brain including administering to a patient an effective therapeutic amount of a compound of formula (AA), (I) or (X), under conditions whereby an effective inhibitory amount of a compound of formula (Y), or a pharmaceutically acceptable salt thereof, is formed.

In an embodiment, this method results in a compound of formula (Y) that inhibits 50% of the enzyme's activity at a concentration of less than 50 micromolar.

In an embodiment, this method results in a compound of formula (Y) that inhibits 50% of the enzyme's activity at a concentration of 10 micromolar or less.

In an embodiment, this method results in a compound of formula (Y) that inhibits 50% of the enzyme's activity at a concentration of 1 micromolar or less.

In an embodiment, this method results in a compound of formula (Y) that inhibits 50% of the enzyme's activity at a concentration of 10 nanomolar or less.

In an embodiment, this method employs a compound at a therapeutic amount in the range of from about 0.1 to about 1500 mg/day.

In an embodiment, this method employs a compound at a therapeutic amount in the range of from about 15 to about 1000 mg/day.

In an embodiment, this method employs a compound at a therapeutic amount in the range of from about 1 to about 100 mg/day.

In an embodiment, this method employs a compound at a therapeutic amount in the range of from about 5 to about 50 mg/day.

In an embodiment, this method can be used where said disease is Alzheimer's disease.

In an embodiment, this method can be used where said disease is Mild Cognitive Impairment, Down's Syndrome, or Hereditary Cerebral Hemorrhage with Amyloidosis of the Dutch Type.

The invention also includes a component kit including component parts capable of being assembled, in which at least one component part includes a compound of formula AA, I or X enclosed in a container.

In an embodiment, this component kit includes lyophilized compound, and at least one further component part includes a diluent.

The invention also includes a container kit including a plurality of containers, each container including one or more unit dose of a compound of formula (AA), (I) or (X):, or a pharmaceutically acceptable salt thereof.

In an embodiment, this container kit includes each container adapted for oral delivery and includes a tablet, gel, or capsule.

In an embodiment, this container kit includes each container adapted for parenteral delivery and includes a depot product, syringe, ampoule, or vial.

In an embodiment, this container kit includes each container adapted for topical delivery and includes a patch, medipad, ointment, or cream.

The invention also includes an agent kit including a compound of formula (AA), (I) or (X), or a pharmaceutically acceptable salt thereof; and one or more therapeutic agent selected from the group consisting of an antioxidant, an anti-inflammatory, a gamma secretase inhibitor, a neurotrophic agent, an acetyl cholinesterase inhibitor, a statin, an A beta peptide, and an anti-A beta antibody.

The invention also includes a composition including a compound of formula (AA), (I) or (X), or a pharmaceutically acceptable salt thereof; and an inert diluent or edible carrier.

In an embodiment, this composition includes a carrier that is an oil.

The invention also includes a composition including: a compound of formula (AA), (I) or (X), or a pharmaceutically acceptable salt thereof; and a binder, excipient, disintegrating agent, lubricant, or gildant.

The invention also includes a composition including a compound of formula (AA), (I) or (X), or a pharmaceutically acceptable salt thereof; disposed in a cream, ointment, or patch.

The invention provides compounds of formula (AA), that can be used to generate (I) and (X) formula compounds of formula (Y), that are useful in treating and preventing Alzheimer's disease. The compounds of the invention can be prepared by one skilled in the art based only on knowledge of the compound's chemical structure. The chemistry for the preparation of the compounds of this invention is known to those skilled in the art. In fact, there is more than one process to prepare the compounds of Specific examples of methods the invention. preparation can be found in the art. For examples, see J. Org. Chem. 1998, 63, 4898-4906; J. Org. Chem. 1997, 62, 9348-9353; J. Org. Chem. 1996, 61, 5528-5531; J. Med. Chem. 1993, 36, 320-330; J. Am. Chem. Soc. 1999, 1145-1155; and references cited therein. See also U.S. 6,150,530, 5,892,052, 5,696,270, and Patent Nos.

5,362,912, which are incorporated herein by reference, and references cited therein.

Examples of various processes that can be used to prepare the compounds of the invention are set forth below.

A general process to prepare the compounds formula I and X is set forth in SCHEME A. The chemistry is straight forward and in summary involves the steps of N-protecting the amino acid (A) starting material produce the corresponding protected amino acid (II), reaction of the protected amino acid (II) with diazomethane followed by work-up to add a carbon atom to produce the corresponding protected compound reduction of the protected halide to the corresponding alcohol (IV), formation of the corresponding epoxide (V), opening of the epoxide (V) with a C-terminal amine, R_{C} -NH $_{2}$ (VI) to produce the corresponding protected alcohol (VII).

Compounds of formula (I) can be prepared by reacting protected alcohol (VII) with an amide forming agent such as, for example, $(R_{N^{-}})_{2}$ O or $R_{N^{-}}$ X or $R_{N^{-}}$ OH (IX) to produce alcohol (IA). Alcohol (IA) then has the nitrogen protecting group removed to produce the corresponding compounds of formula (I).

Compounds of formula (X) can be prepared by further N-protecting alcohol (VII) to form the diprotected alcohol (XB). Diprotected alcohol (XB) is reacted with an amide forming agent such as, for example, $(R_N-)_2O$ or R_N-X or R_N-OH (IX) to produce compound (XA). Compound (XA) then has the nitrogen protecting groups removed to produce the corresponding compounds of formula (X).

One skilled in the art will appreciate that these are all known reactions in organic chemistry. A chemist

skilled in the art, knowing the chemical structure of the compounds (AA), (I) and (X) of the invention would be able to prepare them by known methods from known starting materials without any additional information. The explanation below therefore is not necessary but is deemed helpful to those skilled in the art who desire to make the compounds of the invention.

The backbone of the intermediate (VII), from which the compounds of formula (AA), (I) and (X) can be readily prepared, can be considered a hydroxyethylamine moiety, -NH-CH(R)-CH(OH)-. Such backbones can be prepared by methods disclosed in the literature and known to those skilled in the art. For example, J. Med. Chem., 36, 288-291 (1993), Tetrahedron Letters, 28, 5569-5572 (1987), J. Med. Chem., 38, 581-584 (1995) and Tetrahedron Letters, 38, 619-620 (1997) and WO 02/02506 all disclose processes to prepare hydroxyethylamine type compounds and/or their intermediates.

SCHEME A sets forth a general method used in the invention to prepare the appropriately substituted amines I and X. The compounds of the invention are prepared by starting with the corresponding amino acid (A). amino acids (A) are known to those skilled in the art or can be readily prepared by methods known to those skilled in the art. The compounds of the invention have least two chiral centers, which give 2 sets of diastereomers, each of which is racemic for a total of at least four stereoisomers. While biologically active end products result from all stereoisomers, the The first of these chiral configuration is preferred. centers (the carbon carrying R_1) derives from the amino is preferred acid starting material (A). Ιt commercially obtain or produce the desired enantiomer

rather than produce an enantiomerically impure mixture and then have to separate out the desired enantiomer. Thus it is preferred to start the process with enantiomerically pure (S)-amino acid (A) of the same configuration as that of the desired X product.

In Scheme A, the protection of free amine (A) to produce the (S)-protected amino acid (II) is depicted. Amino protecting groups are known to those skilled in the art, as discussed below. See for example, "Protecting Groups in Organic Synthesis", John Wiley and sons, New 1981, Chapter 7; "Protecting Groups N.Y., Organic Chemistry", Plenum Press, New York, N.Y., 1973, Chapter 2. The function of the amino protecting group is to protect the free amino functionality (-NH2) during subsequent reactions on the (S)-amino acid (A) which would not proceed either because the amino group would react and be functionalized in a way that is inconsistent with its need to be free for subsequent reactions or the free amino group would interfere in the reaction. the amino protecting group is no longer needed, it is removed by methods known to those skilled in the art. definition the amino protecting group must be readily removable as is known to those skilled in the art by methods known to those skilled in the art. Suitable amino PROTECTING GROUPs are discussed below.

The (S)-protected amino acid (II) is transformed to the corresponding (S)-protected compound (III) by two different methods depending on nature of R_2 and R_3 .

 R_2 and R_3 can be the same or different. It is preferred that R_2 and R_3 both be -H. If R_2 and R_3 are not the same, an additional chiral or stereogenic center is added to the molecule. To produce compounds of formula (III) where R_2 and R_3 are both -H, the (S)-protected amino

acid (II) is reacted with diazomethane, as is those skilled in the art, followed by reaction with a compound of the formula $H-X_1$ to produce the (S)-protected compound (III). X_1 includes -Cl, -Br, -I, -O-tosylate, -O-mesylate, -O-nosylate and -O-brosylate. is preferred that $-X_1$ be -Br or -Cl. Suitable reaction include running the reaction in inert conditions but not limited to ether, as solvents. such tetrahydrofuran and the like. The reactions from the (S)-protected amino acid (II) to the (S)-protected compound (III) are carried out for a period of time between 10 minutes and 1 day and at temperatures ranging from about -780 to about 20-25°. It is preferred to conduct the reactions for a period of time between 1-4 hours and at temperatures between -30° to -10° . process adds one methylene group.

(S)-protected Alternatively, the compounds formula (III) can be prepared by first converting the (S)-protected amino acid (II) to a corresponding methyl or ethyl ester, according to methods established in the art, followed by treatment with a reagent of formula X_1 - $C(R_2)(R_3)-X_1$ and a strong metal base. The base serves to affect a halogen-metal exchange, where the -X1 undergoing exchange is a halogen selected from chlorine, bromine or The nucleophilic addition to iodine. gives directly the (S)-protected compound derivative Suitable bases include, but are not limited to (III). for example, alkyllithiums including, secthe butyllithium, n-butyllithium, and t-butyllithium. reactions are preferably conducted at low temperature, Suitable reaction conditions include such as -78° . running the reaction in inert solvents, such as but not limited to, ether, tetrahydrofuran and the like. Where R_2

and R_3 are both hydrogen, then examples of X_1 - $C(R_2)(R_3)$ - X_1 include dibromomethane, diiodomethane, chloroiodomethane, bromoiodomethane and bromochloromethane. One skilled in the art knows the preferred conditions required to conduct this reaction. Furthermore, if R_2 and/or R_3 are not -H, then by the addition of $-C(R_2)(R_3)$ - X_1 to esters of the (S)-protected amino acid (II) to produce the (S)-protected compound (III), an additional chiral center will be incorporated into the product, provided that R_2 and R_3 are not the same.

The (S)-protected compound (III) is then reduced by known to those skilled in the art for reduction of a ketone to the corresponding secondary alcohol affording the corresponding alcohol (IV). The means and reaction conditions for reducing the (S)-protected compound (III) to the corresponding alcohol (IV) include, for example, sodium borohydride, lithium borohydride, borane, diisobutylaluminum hydride, and lithium aluminium Sodium borohydride is the preferred reducing hydride. The reductions are carried out for a period of time between 1 hour and 3 days at temperatures ranging from -78° to elevated temperature up to the reflux point of the solvent employed. It is preferred to conduct the reduction between -78° and 0° . If borane is used, it may employed as a complex, for example, borane-methyl sulfide complex, borane-piperidine complex, or boranetetrahydrofuran complex. The preferred combination of reducing agents and reaction conditions needed are known to those skilled in the art, see for example, Larock, Comprehensive Organic Transformations, Publishers, 1989. The reduction of the (S) -protected compound (III) to the corresponding alcohol (IV) produces the second chiral center (third chiral center if R_2 and R_3

are not the same). The reduction of the (S)-protected compound (III) produces a mixture of enantiomers at the second center, (S, R/S)-alcohol (IV). This enantiomeric mixture is then separated by means known to those skilled such selective low-temperature the art as in recrystallization or chromatographic separation, example by HPLC, employing commercially available chiral columns. The enantiomer that is used in the remainder of the process of SCHEME A is the (S,S)-alcohol (IV) since this enantiomer will give the desired (S,R)-substituted compound I or X.

(S, S)-alcohol (IV) is transformed to the The corresponding epoxide (V) by means known to those skilled in the art. The stereochemistry of the (S)-(IV) center is maintained in forming the epoxide (V). A preferred means is by reaction with base, for example, but not hydroxide ion generated from limited to, hydroxide, potassium hydroxide, lithium hydroxide and the like. Reaction conditions include the use of C_1 - C_6 alcohol solvents; ethanol is preferred. A common cosolvent, such as for example, ethyl acetate may also be employed. Reactions are conducted at temperatures ranging from -450 up to the reflux temperature of the alcohol employed; preferred temperature ranges are between -200 and 40°.

An alternative, and preferable process for preparing the epoxide (V) when R_1 is 3,5-difluorobenzyl, is set forth in SCHEME D. The first step of the process is to protect the free amino group of the (S)-amino acid (A) with an amino protecting group, PROTECTING GROUP, as previously discussed to produce the (S)-protected amino acid (II).

In the alternative process, the (S)-protected amino acid (A) is transformed to the corresponding (S)-protected ester (XVII) in one of a number of ways. One method involves the use of lithium hydroxide. Using lithium hydroxide, the (S)-protected amino acid (A) and the lithium hydroxide are mixed and cooled to from about -20° to about 10°. Next a methylating agent, selected from the group consisting of dimethylsulfate, methyl iodide and methyl triflate, is added. It is more preferred that the methylating agent is dimethylsulfate. This is followed by heating to from about 20° to about 50°.

Alternatively, the (S)-protected amino acid (A) contacted with a weak base such as bicarbonate preferably carbonate. This is followed by addition of the methylating agent. Heat is not necessary but can be used to facilitate the reaction. The carbonate method is known to those skilled in the art. For those (S) protected esters (XVII) where Z_1 is not methyl, one skilled in the art knowing the chemical structure would know how to prepare the desired compounds from known starting materials. In one known method the protected amino acid (A) is contacted with an activating agent, such as DCC, followed by addition appropriate alcohol, Z_1 -OH. This method is operable when Z_1 is C_1 - C_4 alkyl (optionally substituted), $-CH_2$ - $CH=CH_2$ or phenyl (optionally substituted).

SCHEME E sets forth an alternative process for the preparation of the ester (II). In the process of SCHEME E, the aldehyde (XX), which is known to those skilled in the art, is reacted with the phosphorous compound (XXI), where X_3 is a good leaving group, to produce the olefin (XXII). The phosphorous compounds (XXI) are known to

those skilled in the art. It is preferred that X_3 is C_1 - C_3 alkyl; it is more preferred that X_3 is C_1 alkyl. The aldehyde (XX) and the phosphate (XXI) are combined in an organic solvent then cooled to about 0°. A base such as DBU or TMG is added and the contents of the reaction mixture are warmed to about 20-25° and stirred until the reaction is complete. Once the reaction is complete, it is preferred to separate the E- and Z-olefin isomers (XXII). The separation is done by methods known to those skilled in the art, such as by silica gel chromatography. Next the olefin (XXII) is hydrogenated with a suitable hydrogenation catalyst to obtain the desired ester (II). Some hydrogenation reactions will give racemic ester The desired stereochemistry of the ester (II) is (S)-, and therefore it is preferable to use the Z-olefin (XXII) with a hydrogenation catalyst. It is preferred that the hydrogenation catalyst is a compound of the formula [Rh(diene)L] *X

where Rh is rhodium;

where diene is cyclootediene and nonbornadiene;

where L is DIPMAP, MeDuPhos, EtDuPhos, Binaphane, f-Binaphane, Me-KetalPhos, Me-f-KetalPhos, BINAP, DIOP, BPPM, CHIRAPHOS, PROPHOS, NORPHOS, CYCLOPHOS, BDPP, DEGPHOS, PNNP and where X is ClO₄, BF₄, CF₃-SO₃, It is preferred that the Cl Br, PF6 and SbF6. hydrogenation catalyst be either DIPMAP or EtDuPhos. such solvents Suitable solvents include polar THF, alcohols, preferably C_1 - C_5 alcohols and preferably methanol, ethanol, isopropanol and THF. chiral hydrogenation is performed in a temperature range of from about -20° to about reflux. It is preferred that the reaction be performed in the temperature range from about 0° to about room temperature (25°). The chiral

hydrogenation is performed under a pressure of from about one atmosphere to about 100 psig; it is more preferred that the chiral hydrogenation be performed under a pressure of from about 10 psig to about 40 psig.

The (S)-protected ester (II) is then transformed to the corresponding (S)-protected ketone (III) by reaction with a slight excess of a compound of the formula CH_2ClX^2 where X^2 is -Br and -I in one of two different ways. one process, no exogenous nucleophile is used. process requires (1) the presence of three or more equivalents of strong base which has a pK_b of greater than about 30 followed by (2) adding acid. The other process requires (1) the presence of about 2 to about 2.5 equivalents of strong base which has a pKb of greater than about 30, (2) contacting the mixture of step (1) with about 1 to about 1.5 equivalents of an exogenous nucleophile and (3) adding acid. Suitable strong bases are those which has a pK_b of greater than about 30. preferred that the strong base be selected from the group consisting of LDA, LiHMDS and KHMDS; it is more preferred that the strong base be LDA. Suitable acids are those, which have a pka of less than about 10. It is preferred the acid be selected from the group consisting of acetic, sulfuric, hydrochloric, citric, phosphoric and benzoic acids; it is more preferred that the acid be acetic acid. The preferred solvent for the process is THF. reaction can be performed in the temperature range from about -80° to about -50°; it is preferred to perform the reaction in the temperature range of from about -75° to about -65°. Suitable nucleophiles include alkyl lithium, aryl lithium, alkyl-Grignard and aryl-Grignard reagents. It is preferred that the nucleophile be selected from the group consisting of phenyl lithium, n-butyl lithium,

methyl magnesium bromide, methyl magnesium chloride, phenyl magnesium bromide, phenyl magnesium chloride; it is more preferred that the nucleophile be n-butyl lithium.

The (S)-protected ketone (III) is then reduced to the corresponding (S)-alcohol (IV) by means known to those skilled in the art for reduction of a ketone to the corresponding secondary alcohol. The means and reaction conditions for reducing the (S)-protected compound (III) to the corresponding alcohol (IV) include, for example, borohydride, borane, lithium borohydride, sodium diisobutylaluminum hydride, zinc borohydride and lithium Sodium borohydride is the preferred aluminium hydride. reducing agent. The reductions are carried out for a period of time between about 1 hour and about 3 days at about -78⁰ elevated from ranging temperatures to the reflux point of the solvent temperature up is preferred to conduct the reduction employed. Ιt between about -78° and about 0° . If borane is used, it may be employed as a complex, for example, borane-methyl sulfide complex, borane-piperidine complex, or boranetetrahydrofuran complex. The preferred combination of reducing agents and reaction conditions needed are known to those skilled in the art, see for example, Larock, Organic Transformations, Comprehensive in The reduction of the (S)-protected Publishers, 1989. compound (III) to the corresponding alcohol (IV) produces a second chiral center. The reduction of the (S)of produces mixture protected compound (III) a (S, R/S)-alcohol at the second center, diastereomers This diastereomeric mixture is then separated by means known to those skilled in the art such as selective chromatographic low-temperature recrystallization or

separation, most preferably by recrystallization or by employing commercially available chiral columns. The diastereomer that is used in the remainder of the process of SCHEME A is the (S,S)-alcohol (IV) since this stereochemistry will give the desired epoxide (V).

The alcohol (IV) is transformed to the corresponding epoxide (V) by means known to those skilled in the art. The stereochemistry of the (S)-(IV) center is maintained in forming the epoxide (V). A preferred means is by reaction with base, for example, but not limited to, hydroxide ion generated from sodium hydroxide, potassium hydroxide, lithium hydroxide and the like. conditions include the use of C_1 - C_6 alcohol solvents; ethanol is preferred. A common co-solvent, such as for example, ethyl acetate may also be employed. Reactions are conducted at temperatures ranging from about -45° up to the reflux temperature of the alcohol employed; preferred temperature ranges are between about -200 and about 40°.

The epoxide (V) is then reacted with appropriately substituted C-terminal amine, $R_{C}-NH_{2}$ (VI) by means known to those skilled in the art which opens the epoxide to produce the desired corresponding enantiomerically pure (S,R)-protected alcohol (VII). substituted C-terminal amines, R_C-NH_2 (VI) of invention are commercially available or are known to those skilled in the art and can be readily prepared from known compounds. It is preferred that when R_c is phenyl, it is substituted in the 3-position or 3,5-positions.

Suitable reaction conditions for opening the epoxide (V) include running the reaction in a wide range of common and inert solvents. C_1 - C_6 alcohol solvents are

preferred and isopropyl alcohol most preferred. reactions can be run at temperatures ranging from 20-25° up to the reflux temperature of the alcohol employed. The preferred temperature range for conducting reaction is between 50° up to the reflux temperature of When the substituted C-terminal the alcohol employed. 1-amino-3,5-cis-dimethyl is (VI) amine cyclohexyldicarboxylate it is preferably prepared as To dimethyl-5-isophthalate in acetic acid and follows. methanol, is added rhodium in alumina in a high-pressure bottle. The bottle is saturated with hydrogen at 55 psi and shaken for one week of time. The mixture is then filtered through a thick layer of celite cake and rinsed with methanol three times, the solvents are removed under reduced pressure (with heat) to give a concentrate. concentrate is triturated with ether and filtered again to give the desired C-terminal amine (VI). substituted C-terminal amine (VI) is 1-amino-3,5-cisdimethoxy cyclohexane it is preferably following the making non-critical and procedure above variations but starting with 3,5-dimethoxyaniline.

When the substituted C-terminal amine (VI) is aminomethyl group where the substituent on the methyl group is an aryl group, for example $\mathrm{NH}_2\mathrm{-CH}_2\mathrm{-aryl}$, is not commercially available it. is preferably prepared material is starting suitable Α (appropriately substituted) aralkyl compound. step is bromination of the alkyl substituent via methods known to those skilled in the art, see for example R.C. in Comprehensive Organic Transformations, VCH Next the alkyl halide is Publishers, 1989, p. 313. reacted with azide to produce the aryl-(alkyl)-azide. Last the azide is reduced to the corresponding amine by

hydrogen/catalyst to give the C-terminal amine (VI) of formula $NH_2-CH_2-R_{C-aryl}$.

SCHEME B discloses an alternative process production of the enantiomerically pure (S,R)-protected alcohol (VII) from the (S)-protected compound (III). the alternative process, the (S)-protected compound (III) is first reacted with the appropriately substituted Cterminal amine R_{C} -NH $_{2}$ (VI) using the preferred conditions described above to produce the corresponding protected ketone (XI) which is then reduced using the preferred conditions described above to produce corresponding (S,R)-protected alcohol (VII).

SCHEME C discloses another alternative process for production of enantiomerically pure (S,R)-protected alcohol (VII) but this time from the epoxide (V). In the process of SCHEME C, the epoxide (V) is reacted with azide to produce the corresponding enantiomerically pure (S,R)-protected azide (XII). Conditions to conduct the azide mediated epoxide opening are known to those skilled in the art, see for example, J. March, Advanced Organic Chemistry, 3rd Edition, John Wiley & Sons Publishers, 1985, p. 380. Next, the (S,R)-protected azide (XII) is reduced to the corresponding protected amine (XIII) methods known to those skilled in the art. reducing conditions to reduce the (S,R)-protected azide (XII) in the presence of a t-butoxycarbonyl N-protecting group include catalytic hydrogenation, the conditions for which are known to those skilled in the art. Alternative reducing conditions which may be used to avoid Ndeprotection with protecting groups other butoxycarbonyl are known to those skilled in the art, see for example, Larock in Comprehensive R.C. Transformations, VCH Publishers, 1989, p. 409. Last, the

(S,R)-amine (XIII) is transformed to the corresponding protected alcohol (VII) by nitrogen alkylation with a compound of the formula R_C-X_3 . X_3 is an appropriate leaving group, such as but not limited to, -Cl, -Br, -I, -O-mesylate, -O-tosylate, O-triflate, etc. X_3 may also be an aldehyde; the corresponding coupling with (XIII) via the known reductive amination procedure gives the protected (S,R)-alcohol (VII).

In the formation of compounds of formula (I), the protected alcohol (VII) is reacted with an appropriately substituted amide forming agent (IX) such as, example, an anhydride, acyl halide, or acid of the formulas $(R_N)_2 O$ or $R_N X$ or $R_N OH$ (IX) respectively, by means known to those skilled in the art to produce the corresponding (S,R)-substituted amine (IA). Nitrogen acylation conditions for reaction of the alcohol (VII) amide forming agent (IX) to produce the corresponding compound (IA) are known to those skilled in the art and can be found, for example, in R.C. Larock in Comprehensive Organic Transformations, VCH Publishers, The (S,R)-protected amine 1989, p. 981, 979, and 972. (IA) is deprotected to the corresponding compounds (I) by means known to those skilled in the art for removal of amine protecting group. Suitable means for removal of the amine protecting group depend on the nature of the protecting group. Those skilled in the art, knowing the nature of a specific protecting group, know which reagent is preferable for its removal. For example, it preferred to remove the preferred protecting group, BOC, dissolving the (S,R)-protected amine trifluoroacetic acid/dichloromethane (1/1) mixture. complete, the solvents are removed under reduced pressure to give the corresponding (S,R)-amine (I) (as the

corresponding salt, i.e. trifluoroacetic acid salt) which is used without further purification. However, desired, the (S,R)-amine (I) can be purified further by known to those skilled in the art, such as for example, recrystallization. Further, if the non-salt form is desired that also can be obtained by means known to those skilled in the art, such as for example, preparing the free base amine via treatment of the salt with mild basic conditions. Additional BOC deprotection conditions and deprotection conditions protecting groups can be found in T.W. Green and P.G.M. Wuts in "Protective Groups in Organic Chemistry, John Wiley and Sons, 1991, p. 309. Suitable chemically suitable salts include trifluoroacetate, and the anion of mineral acids such as chloride, sulfate, phosphate: preferred is trifluoroacetate.

In the formation of compounds of formula alcohol (VII) is further protected as described above to form the diprotectred compound (XB). Compound (XB) is then reacted with an appropriately substituted amide forming agent (IX) to form compound (XA), as described above for compound (IA). Deprotection of (XA) to (X) is conducted as described the transformation of compound (IA) to compounds (I).

protection of amines is conducted, appropriate, by methods known to those skilled in the art. Amino protecting groups are known to those skilled in the art. See for example, "Protecting Groups in Organic Synthesis", John Wiley and sons, New York, N.Y., Chapter 7; "Protecting Groups in Organic Chemistry", Plenum Press, New York, N.Y., 1973, Chapter When the amino protecting group is no longer needed, it is removed by methods known to those skilled in the

By definition the amino protecting group must be readily removable. A variety of suitable methodologies are known to those skilled in the art; see also T.W. Green and P.G.M. Wuts in "Protective Groups in Organic Suitable amino Chemistry, John Wiley and Sons, 1991. include t-butoxycarbonyl, benzylprotecting groups trityl, phthalimido, trichloroformyl, oxycarbonyl, bromoacetyl, iodoacetyl, acetyl, chloroacetyl, 2-methylbenzyloxycarbonyl, phenylbenzyloxycarbonyl, ethoxybenzyloxycarbonyl, 4-fluorobenzyloxycarbonyl, 4 -3-chlorobenzyloxycarbonyl, 2chlorobenzyloxycarbonyl, 2,4-dichlorobenzyloxycarbonyl, chlorobenzyloxycarbonyl, 4-bromobenzyloxycarbonyl, 3-bromobenzyloxycarbonyl, 4 nitrobenzyloxycarbonyl, 4-cyanobenzyloxycarbonyl, xenyl) isopropoxycarbonyl, 1,1-diphenyleth-1-1,1-diphenylprop-1-yloxycarbonyl, yloxycarbonyl, 2-(p-toluyl)prop-2-yloxyphenylprop-2-yloxycarbonyl, cyclopentanyloxycarbonyl, 1-methylcyclocarbonyl, pentanyloxycarbonyl, cyclohexanyloxycarbonyl, 1-methylcyclohexanyloxycabonyl, 2-methylcyclohexanyloxycarbonyl, 2-(4-toluylsulfonyl)ethoxycarbonyl, 2-(methylsulfonyl)-2-(triphenylphosphino)ethoxycarbonyl, ethoxycarbonyl, 2-(trimethylsilyl)ethoxyfluorenylmethoxycarbonyl, carbonyl, allyloxycarbonyl, 1-(trimethylsilylmethyl)prop-5-benzisoxalylmethoxycarbonyl, 1-enyloxycarbonyl, acetoxybenzyloxycarbonyl, 2,2,2-trichloroethoxycarbonyl, 2-ethynyl-2-propoxycarbonyl, cyclopropylmethoxycarbonyl, 4-(decyloxyl) benzyloxycarbonyl, isobrornyloxycarbonyl, 1piperidyloxycarbonyl, 9-fluoroenylmethyl carbonate, -CH- $CH=CH_2$ and phenyl-C(=N-)-H.

It is preferred that the protecting group be t-butoxycarbonyl (BOC) and/or benzyloxycarbonyl (CBZ), it is more preferred that the protecting group be t-

butoxycarbonyl. One skilled in the art will recognize suitable methods of introducing a t-butoxycarbonyl or benzyloxycarbonyl protecting group and may additionally consult T.W. Green and P.G.M. Wuts in "Protective Groups in Organic Chemistry, John Wiley and Sons, 1991 for guidance.

The compounds of the invention may contain geometric . or optical isomers as well as tautomers. Thus, invention includes all tautomers and pure geometric isomers, such as the E and Z geometric isomers, as well as mixtures thereof. Further, the invention includes pure enantiomers and diastereomers as well as mixtures thereof, including racemic mixtures. The individual geometric isomers, enantiomers or diastereomers may be prepared or isolated by methods known to those skilled in art, including but not limited to chiral chromatography; preparing diastereomers, separating the diastereomers and converting the diastereomers enantiomers through the use of a chiral resolving agent.

Compounds of the invention with designated stereochemistry can be included in mixtures, including racemic mixtures, with other enantiomers, diastereomers, geometric isomers or tautomers. In a preferred aspect, compounds of the invention with (S, R, R), (S, S, S), or (S, R, S) stereochemistry are typically present in these mixtures in excess of 50 percent. Preferably, compounds of the invention with designated stereochemistry are present in these mixtures in excess of 80 percent. preferably, compounds of the invention with designated stereochemistry are present in these mixtures in excess Even more preferably, compounds of the of 90 percent. invention with designated stereochemistry are present in these mixtures in excess of 99 percent.

pharmaceutically invention encompasses The acceptable salts of the compounds of formula (AA), (I) and (X). Pharmaceutically acceptable salts are preferred over the corresponding amines of formula (AA), (I) or (X)since they produce compounds which are more water crystalline. and/or more stable soluble, Pharmaceutically acceptable salts are any salt which retains the activity of the parent compound and does not impart any deleterious or undesirable effect on the subject to whom it is administered and in the context in Pharmaceutically acceptable which it is administered. salts include salts of both inorganic and organic acids. The preferred pharmaceutically acceptable salts include the following acids acetic, aspartic, of salts bicarbonic, bisulfuric, benzenesulfonic, benzoic, bitartaric, butyric, calcium edetate, camsylic, carbonic, chlorobenzoic, citric, edetic, edisylic, estolic, esyl, esylic, formic, fumaric, gluceptic, gluconic, glutamic, hexylresorcinoic, hexamic, glycollylarsanilic, hydrobromic, hydrochloric, hydroiodic, hydrabamic, lactic, lactobionic, hydroxynaphthoic, isethionic, malic, malonic, mandelic, methanesulfonic, maleic, methylnitric, methylsulfuric, mucic, muconic, napsylic, p-nitromethanesulfonic, oxalic, phosphoric, monohydrogen phosphoric, pantothenic, dihydrogen phosphoric, phthalic, polygalactouronic, propionic, salicylic, stearic, succinic, succinic, sulfonic, sulfuric, sulfanilic, sulfamic, tartaric, teoclic and toluenesulfonic. For acceptable salts, see Int. J. Pharm., 33, 201-217 (1986) and J. Pharm. Sci., 66(1), 1, (1977).

The invention provides compounds, compositions, kits, and methods for inhibiting beta-secretase enzyme

activity and A beta peptide production. Inhibition of beta-secretase enzyme activity halts or reduces the production of A beta from APP and reduces or eliminates the formation of beta-amyloid deposits in the brain.

Methods of the Invention

The compounds of the invention, and pharmaceutically acceptable salts thereof, are useful for treating humans or animals suffering from a condition characterized by a pathological form of beta-amyloid peptide, such as beta-amyloid plaques, and for helping to prevent or delay the onset of such a condition.

As used herein, the term "treating" means that the compounds of the invention can be used in humans with at least a tentative diagnosis of disease. The compounds of the invention will delay or slow the progression of the disease thereby giving the individual a more useful life span.

The term "preventing" means that the compounds of the invention are useful when administered to a patient who has not been diagnosed as possibly having the disease at the time of administration, but who would normally be expected to develop the disease or be at increased risk for the disease. The compounds of the invention will slow the development of disease symptoms, delay the onset of the disease, or prevent the individual from developing the disease at all. Preventing also administration of the compounds of the invention to those individuals thought to be predisposed to the disease due familial history, genetic orchromosomal abnormalities, and/or due to the presence of one or more biological markers for the disease, such as a known genetic mutation of APP or APP cleavage products in brain tissues or fluids.

In treating or preventing the above diseases, the compounds of the invention are administered in a therapeutically effective amount. The therapeutically effective amount will vary depending on the particular compound used and the route of administration, as is known to those skilled in the art.

patient displaying any of In treating a diagnosed above conditions a physician may administer a compound of the invention immediately and administration indefinitely, as needed. In treating patients who are not diagnosed as having Alzheimer's disease, but who are believed to be at substantial risk for Alzheimer's disease, the physician should preferably start treatment when the patient first experiences early pre-Alzheimer's symptoms such as, memory or cognitive problems associated with aging. In addition, there are some patients who may be determined to be at risk for developing Alzheimer's through the detection of a genetic marker such as APOE4 or other biological indicators that are predictive for Alzheimer's disease. In these situations, even though the patient does not have symptoms of the disease, administration of the compounds of the invention may be started before symptoms appear, and treatment may be continued indefinitely to prevent or delay the onset of the disease.

Dosage Forms and Amounts

The compounds of the invention can be administered orally, parenterally, (IV, IM, depo-IM, SQ, and depo SQ), sublingually, intranasally (inhalation), intrathecally, topically, or rectally. Dosage forms known to those of skill in the art are suitable for delivery of the compounds of the invention.

Compositions are provided that contain therapeutically effective amounts of the compounds of the invention. The compounds are preferably formulated into suitable pharmaceutical preparations such as tablets, capsules, or elixirs for oral administration sterile solutions or suspensions for parenteral administration. Typically the compounds described above are formulated into pharmaceutical compositions using techniques and procedures well known in the art.

1 to 500 mg of a compound or mixture of compounds of the invention ora physiologically acceptable salt orester is compounded with physiologically acceptable vehicle, carrier, excipient, binder, preservative, stabilizer, flavor, etc., in a unit dosage form as called for by accepted pharmaceutical practice. The amount of active substance in those compositions or preparations is such that a suitable dosage in the range indicated is obtained. compositions are preferably formulated in a unit dosage form, each dosage containing from about 2 to about 100 mg, more preferably about 10 to about 30 mg of the active ingredient. The term "unit dosage from" refers physically discrete units suitable as unitary dosages for human subjects and other mammals, each unit containing a predetermined quantity of active material calculated to produce the desired therapeutic effect, in association with a suitable pharmaceutical excipient.

To prepare compositions, one or more compounds of the invention are mixed with a suitable pharmaceutically acceptable carrier. Upon mixing or addition of the compound(s), the resulting mixture may be a solution, suspension, emulsion, or the like. Liposomal suspensions may also be suitable as pharmaceutically acceptable

carriers. These may be prepared according to methods known to those skilled in the art. The form of the resulting mixture depends upon a number of factors, including the intended mode of administration and the solubility of the compound in the selected carrier or vehicle. The effective concentration is sufficient for lessening or ameliorating at least one symptom of the disease, disorder, or condition treated and may be empirically determined.

Pharmaceutical carriers or vehicles suitable for administration of the compounds provided herein include any such carriers known to those skilled in the art to be suitable for the particular mode of administration. In addition, the active materials can also be mixed with other active materials that do not impair the desired action, or with materials that supplement the desired action, or have another action. The compounds may be formulated as the sole pharmaceutically active ingredient in the composition or may be combined with other active ingredients.

Where the compounds exhibit insufficient solubility, methods for solubilizing may be used. Such methods are known and include, but are not limited to, using cosolvents such as dimethylsulfoxide (DMSO), using surfactants such as Tween®, and dissolution in aqueous sodium bicarbonate. Derivatives of the compounds, such as salts or prodrugs may also be used in formulating effective pharmaceutical compositions.

The concentration of the compound is effective for delivery of an amount upon administration that lessens or ameliorates at least one symptom of the disorder for which the compound is administered. Typically, the

compositions are formulated for single dosage administration.

The compounds of the invention may be prepared with carriers that protect them against rapid elimination from the body, such as time-release formulations or coatings. Such carriers include controlled release formulations, such as, but not limited to, microencapsulated delivery The active compound is included pharmaceutically acceptable carrier in sufficient to exert a therapeutically useful effect in the absence of undesirable side effects on the patient treated. The therapeutically effective concentration may be determined empirically by testing the compounds in known in vitro and in vivo model systems for the treated disorder.

The compounds and compositions of the invention can be enclosed in multiple or single dose containers. The enclosed compounds and compositions can be provided in kits, for example, including component parts that can be assembled for use. For example, a compound inhibitor in lyophilized form and a suitable diluent may be provided as separated components for combination prior to use. kit may include a compound inhibitor and a second therapeutic agent for co-administration. The inhibitor and second therapeutic agent may be provided as separate component parts. A kit may include a plurality of containers, each container holding one or more unit dose of the compound of the invention. The containers are preferably adapted for the desired mode administration, including, but not limited to tablets, gel capsules, sustained-release capsules, and the like for oral administration; depot products, pre-filled syringes, ampoules, vials, and the like for parenteral

administration; and patches, medipads, creams, and the like for topical administration.

The concentration of active compound in the drug composition will depend on absorption, inactivation, and excretion rates of the active compound, the dosage schedule, and amount administered as well as other factors known to those of skill in the art.

The active ingredient may be administered at once, or may be divided into a number of smaller doses to be administered at intervals of time. It is understood that the precise dosage and duration of treatment function of the disease being treated be and may determined empirically using known testing protocols or by extrapolation from in vivo or in vitro test data. is to be noted that concentrations and dosage values may also vary with the severity of the condition to be It is to be further understood that for any particular subject, specific dosage regimens should be adjusted over time according to the individual need and the professional judgment of the person administering or supervising the administration of the compositions, and the concentration ranges set forth herein exemplary only and are not intended to limit the scope or practice of the claimed compositions.

If oral administration is desired, the compound should be provided in a composition that protects it from the acidic environment of the stomach. For example, the composition can be formulated in an enteric coating that maintains its integrity in the stomach and releases the active compound in the intestine. The composition may also be formulated in combination with an antacid or other such ingredient.

Oral compositions will generally include an inert diluent or an edible carrier and may be compressed into tablets or enclosed in gelatin capsules. For the purpose of oral therapeutic administration, the active compound or compounds can be incorporated with excipients and used in the form of tablets, capsules, or troches. Pharmaceutically compatible binding agents and adjuvant materials can be included as part of the composition.

The tablets, pills, capsules, troches, and the like can contain any of the following ingredients or compounds of a similar nature: a binder such as, but not limited to, gum tragacanth, acacia, corn starch, or gelatin; an excipient such as microcrystalline cellulose, starch, or lactose; a disintegrating agent such as, but not limited to, alginic acid and corn starch; a lubricant such as, but not limited to, magnesium stearate; a gildant, such as, but not limited to, colloidal silicon dioxide; a sweetening agent such as sucrose or saccharin; and a flavoring agent such as peppermint, methyl salicylate, or fruit flavoring.

When the dosage unit form is a capsule, it can contain, in addition to material of the above type, a liquid carrier such as a fatty oil. In addition, dosage unit forms can contain various other materials, which modify the physical form of the dosage unit, for example, coatings of sugar and other enteric agents. The compounds can also be administered as a component of an elixir, suspension, syrup, wafer, chewing gum or the like. A syrup may contain, in addition to the active compounds, sucrose as a sweetening agent and certain preservatives, dyes and colorings, and flavors.

The active materials can also be mixed with other active materials that do not impair the desired action, or with materials that supplement the desired action.

suspensions used for parenteral, Solutions or intradermal, subcutaneous, or topical application can any of the following components: a sterile include diluent such as water for injection, saline solution, fixed oil, a naturally occurring vegetable oil such as sesame oil, coconut oil, peanut oil, cottonseed oil, and the like, or a synthetic fatty vehicle such as ethyl oleate, and the like, polyethylene glycol, glycerine, synthetic solvent; propylene other glycol, or antimicrobial agents such as benzyl alcohol and methyl parabens; antioxidants such as ascorbic acid and sodium agents chelating bisulfite: ethylenediaminetetraacetic acid (EDTA); buffers such as acetates, citrates, and phosphates; and agents for the adjustment of tonicity such as sodium chloride Parenteral preparations can be enclosed in dextrose. ampoules, disposable syringes, or multiple dose vials made of glass, plastic, or other suitable material. Buffers, preservatives, antioxidants, and the like can be incorporated as required.

Where administered intravenously, suitable carriers include physiological saline, phosphate buffered saline (PBS), and solutions containing thickening and solubilizing agents such as glucose, polyethylene glycol, polypropyleneglycol, and mixtures thereof. Liposomal suspensions including tissue-targeted liposomes may also be suitable as pharmaceutically acceptable carriers. These may be prepared according to methods known for example, as described in U.S. Patent No. 4,522,811.

The active compounds may be prepared with carriers that protect the compound against rapid elimination from the body, such as time-release formulations or coatings. Such carriers include controlled release formulations, such as, but not limited to, implants microencapsulated delivery systems, and biodegradable, biocompatible polymers such as collagen, ethylene vinyl acetate, polyanhydrides, polyglycolic polyorthoesters, polylactic acid, and the like. for preparation of such formulations are known to those skilled in the art.

The compounds of the invention can be administered orally, parenterally (IV, IM, depo-IM, SQ, and depo-SQ), sublingually, intranasally (inhalation), intrathecally, topically, or rectally. Dosage forms known to those skilled in the art are suitable for delivery of the compounds of the invention.

Compounds of the invention may be administered enterally or parenterally. When administered orally, compounds of the invention can be administered in usual dosage forms for oral administration as is well known to those skilled in the art. These dosage forms include the usual solid unit dosage forms of tablets and capsules as well as liquid dosage forms such as solutions, suspensions, and elixirs. When the solid dosage forms are used, it is preferred that they be of the sustained release type so that the compounds of the invention need to be administered only once or twice daily.

The oral dosage forms are administered to the patient 1, 2, 3, or 4 times daily. It is preferred that the compounds of the invention be administered either three or fewer times, more preferably once or twice daily. Hence, it is preferred that the compounds of the

invention be administered in oral dosage form. It is preferred that whatever oral dosage form is used, that it be designed so as to protect the compounds of the invention from the acidic environment of the stomach. Enteric coated tablets are well known to those skilled in the art. In addition, capsules filled with small spheres each coated to protect from the acidic stomach, are also well known to those skilled in the art.

When administered orally, an administered amount therapeutically effective to inhibit beta-secretase activity, to inhibit A beta production, to inhibit A beta deposition, or to treat or prevent AD is from about 0.1 mg/day to about 1,000 mg/day. It is preferred that the oral dosage is from about 1 mg/day to about 100 mg/day. It is more preferred that the oral dosage is from about 5 mg/day to about 50 mg/day. It is understood that while a patient may be started at one dose, that dose may be varied over time as the patient's condition changes.

be invention may also the Compounds οf advantageously delivered in a nano crystal dispersion formulations Preparation of such formulation. described, for example, in U.S. Patent 5,145,684. crystalline dispersions of HIV protease inhibitors and their method of use are described in U.S. Patent No. The nano crystalline formulations typically 6,045,829. afford greater bioavailability of drug compounds.

The compounds of the invention can be administered parenterally, for example, by IV, IM, depo-IM, SC, or depo-SC. When administered parenterally, a therapeutically effective amount of about 0.5 to about 100 mg/day, preferably from about 5 to about 50 mg daily should be delivered. When a depot formulation is used for injection once a month or once every two weeks, the

dose should be about 0.5 mg/day to about 50 mg/day, or a monthly dose of from about 15 mg to about 1,500 mg. In part because of the forgetfulness of the patients with Alzheimer's disease, it is preferred that the parenteral dosage form be a depo formulation.

The compounds of the invention can be administered sublingually. When given sublingually, the compounds of the invention should be given one to four times daily in the amounts described above for IM administration.

The compounds of the invention can be administered intranasally. When given by this route, the appropriate dosage forms are a nasal spray or dry powder, as is known to those skilled in the art. The dosage of the compounds of the invention for intranasal administration is the amount described above for IM administration.

The compounds of the invention can be administered intrathecally. When given by this route the appropriate dosage form can be a parenteral dosage form as is known to those skilled in the art. The dosage of the compounds of the invention for intrathecal administration is the amount described above for IM administration.

The compounds of the invention can be administered topically. When given by this route, the appropriate dosage form is a cream, ointment, or patch. Because of the amount of the compounds of the invention to be administered, the patch is preferred. When administered topically, the dosage is from about 0.5 mg/day to about 200 mg/day. Because the amount that can be delivered by a patch is limited, two or more patches may be used. number and size of the patch is not important, what is important is that a therapeutically effective amount of the compounds of the invention be delivered as is known to those skilled in the art. The compounds of the

invention can be administered rectally by suppository as is known to those skilled in the art. When administered by suppository, the therapeutically effective amount is from about 0.5 mg to about 500 mg.

The compounds of the invention can be administered by implants as is known to those skilled in the art. When administering a compound of the invention by implant, the therapeutically effective amount is the amount described above for depot administration.

Given a particular compound of the invention and a desired dosage form, one skilled in the art would know how to prepare and administer the appropriate dosage form.

The compounds of the invention are used in the same manner, by the same routes of administration, using the same pharmaceutical dosage forms, and at the same dosing schedule as described above, for preventing disease or treating patients with MCI (mild cognitive impairment) and preventing or delaying the onset of Alzheimer's disease in those who would progress from MCI to AD, for treating or preventing Down's syndrome, for treating humans who have Hereditary Cerebral Hemorrhage Amyloidosis of the Dutch-Type, for treating cerebral potential preventing its and angiopathy recurrent single and consequences, i.e. hemorrhages, for treating other degenerative dementias, including dementias of mixed vascular and degenerative origin, dementia associated with Parkinson's disease, dementia associated with progressive supranuclear palsy, dementia associated with cortical basal degeneration, and diffuse Lewy body type of Alzheimer's disease.

The compounds of the invention can be used in combination, with each other or with other therapeutic

approaches used to treat or prevent the conditions listed above. Such agents or approaches include: acetylcholine esterase inhibitors tacrine (tetrahydroaminoacridine, marketed as COGNEX®), donepezil hydrochloride, (marketed as Aricept® rivastigmine (marketed as Exelon®); gamma-secretase inhibitors; anti-inflammatory agents such cyclooxygenase II inhibitors; anti-oxidants such Vitamin E and ginkolides; immunological approaches, such as, for example, immunization with A beta peptide or administration of anti-A beta peptide antibodies: statins; and direct or indirect neurotropic agents such as Cerebrolysin[®], AIT-082 (Emilieu, 2000, Arch. Neurol. 57:454), and other neurotropic agents of the future.

In addition, the compounds of formula (AA), (I) or (X) can also be used with inhibitors of P-glycoprotein (P-gp). P-gp inhibitors and the use of such compounds are known to those skilled in the art. See for example, Cancer Research, 53, 4595-4602 (1993), Clin. Cancer Res., 2, 7-12 (1996), Cancer Research, 56, 4171-4179 (1996), International Publications WO99/64001 and WO01/10387. The important thing is that the blood level of the P-qp inhibitor be such that it exerts its effect in inhibiting P-gp from decreasing brain blood levels of the compounds of formula (A). To that end the P-gp inhibitor and the compounds of formula (A) can be administered at the same time, by the same or different route of administration, or at different times. The important thing is not the time of administration but having an effective blood level of the P-gp inhibitor.

Suitable P-gp inhibitors include cyclosporin A, verapamil, tamoxifen, quinidine, Vitamin E-TGPS, ritonavir, megestrol acetate, progesterone, rapamycin,

10,11-methanodibenzosuberane, phenothiazines, acridine derivatives such as GF120918, FK506, VX-710, LY335979, PSC-833, GF-102,918 and other steroids. It is to be understood that additional agents will be found that have the same function and therefore achieve the same outcome; such compounds are also considered to be useful.

The P-gp inhibitors can be administered orally, parenterally, (IV, IM, IM-depo, SQ, SQ-depo), topically, sublingually, rectally, intranasally, intrathecally and by implant.

The therapeutically effective amount of the P-gp inhibitors is from about 0.1 to about 300 mg/kg/day, preferably about 0.1 to about 150 mg/kg daily. It is understood that while a patient may be started on one dose, that dose may have to be varied over time as the patient's condition changes.

When administered orally, the P-gp inhibitors can be dosage forms for oral in usual administered administration as is known to those skilled in the art. These dosage forms include the usual solid unit dosage forms of tablets and capsules as well as liquid dosage forms such as solutions, suspensions and elixirs. the solid dosage forms are used, it is preferred that they be of the sustained release type so that the P-gp inhibitors need to be administered only once or twice The oral dosage forms are administered to the patient one thru four times daily. It is preferred that the P-gp inhibitors be administered either three or fewer times a day, more preferably once or twice daily. Hence, it is preferred that the P-gp inhibitors be administered in solid dosage form and further it is preferred that the solid dosage form be a sustained release form which permits once or twice daily dosing. It is preferred that

what ever dosage form is used, that it be designed so as to protect the P-gp inhibitors from the acidic environment of the stomach. Enteric coated tablets are well known to those skilled in the art. In addition, capsules filled with small spheres each coated to protect from the acidic stomach, are also well known to those skilled in the art.

In addition, the P-gp inhibitors can be administered parenterally. When administered parenterally they can be administered IV, IM, depo-IM, SQ or depo-SQ.

The P-gp inhibitors can be given sublingually. When given sublingually, the P-gp inhibitors should be given one thru four times daily in the same amount as for IM administration.

The P-gp inhibitors can be given intranasally. When given by this route of administration, the appropriate dosage forms are a nasal spray or dry powder as is known to those skilled in the art. The dosage of the P-gp inhibitors for intranasal administration is the same as for IM administration.

The P-gp inhibitors can be given intrathecally. When given by this route of administration the appropriate dosage form can be a parenteral dosage form as is known to those skilled in the art.

The P-gp inhibitors can be given topically. given by this route of administration, the appropriate dosage form is a cream, ointment or patch. Because of the amount of the P-gp inhibitors needed to be administered the patch is preferred. However, the amount that can be delivered by a patch is limited. Therefore, two or more patches may be required. The number and size of the patch is not important, what is important is that

a therapeutically effective amount of the P-gp inhibitors be delivered as is known to those skilled in the art.

The P-gp inhibitors can be administered rectally by suppository as is known to those skilled in the art.

The P-gp inhibitors can be administered by implants as is known to those skilled in the art.

There is nothing novel about the route of administration nor the dosage forms for administering the P-gp inhibitors. Given a particular P-gp inhibitor, and a desired dosage form, one skilled in the art would know how to prepare the appropriate dosage form for the P-gp inhibitor.

It should be apparent to one skilled in the art that the exact dosage and frequency of administration will depend on the particular compounds of the invention administered, the particular condition being treated, the severity of the condition being treated, the age, weight, general physical condition of the particular patient, and other medication the individual may be taking as is well known to administering physicians who are skilled in this art.

Inhibition of APP Cleavage

The compounds of the invention inhibit cleavage of APP between Met595 and Asp596 numbered for the APP695 isoform, or a mutant thereof, or at a corresponding site of a different isoform, such as APP751 or APP770, or a mutant thereof (sometimes referred to as the "beta secretase site"). While not wishing to be bound by a particular theory, inhibition of beta-secretase activity is thought to inhibit production of beta amyloid peptide (A beta). Inhibitory activity is demonstrated in one of a variety of inhibition assays, whereby cleavage of an

APP substrate in the presence of a beta-secretase enzyme is analyzed in the presence of the inhibitory compound, under conditions normally sufficient to result cleavage at the beta-secretase cleavage site. Reduction APP cleavage at the beta-secretase cleavage site compared with an untreated or inactive control correlated with inhibitory activity. Assay systems that can be used to demonstrate efficacy of the compound inhibitors of the invention are known. Representative assay systems are described, for example, in U.S. Patents No. 5,942,400, 5,744,346, as well as in the Examples below.

The enzymatic activity of beta-secretase and the production of A beta can be analyzed in vitro or in vivo, using natural, mutated, and/or synthetic APP substrates, natural, mutated, and/or synthetic enzyme, and the test compound. The analysis may involve primary or secondary cells expressing native, mutant, and/or synthetic APP and enzyme, animal models expressing native APP and enzyme, or may utilize transgenic animal models expressing the substrate and enzyme. Detection of enzymatic activity can be by analysis of one or more of the cleavage products, for example, by immunoassay, fluorometric or chromogenic assay, HPLC, or other means of detection. Inhibitory compounds are determined as those having the ability to decrease the amount of beta-secretase cleavage product produced in comparison to a control, where betasecretase mediated cleavage in the reaction system is observed and measured in the absence of compounds.

Beta-Secretase

Various forms of beta-secretase enzyme are known, and are available and useful for assay of enzyme activity and inhibition of enzyme activity. These include native, recombinant, and synthetic forms of the enzyme. beta-secretase is known as Beta Site APP Cleaving Enzyme (BACE), Asp2, and memapsin 2, and has been characterized, for example, in U.S. Patent No. 5,744,346 and published WO98/22597, WO00/03819, applications patent PCT WO01/23533, and WO00/17369, as well as in literature (Hussain et al., 1999, Mol. Cell. Neurosci. publications Vassar et al., 1999, Science 286:735-741; 14:419-427; Yan et al., 1999, Nature 402:533-537; Sinha et al., 1999, Nature 40:537-540; and Lin et al., 2000, PNAS USA 97:1456-1460). Synthetic forms of the enzyme have also (WO98/22597 and WO00/17369). been described secretase can be extracted and purified from human brain tissue and can be produced in cells, for mammalian cells expressing recombinant enzyme.

Preferred rearranged compounds are effective to inhibit about 50% of beta-secretase enzymatic activity at a concentration of less than 50 micromolar, preferably at a concentration of 10 micromolar or less, more preferably 1 micromolar or less, and most preferably 10 nanomolar or less.

APP Substrate

Assays that demonstrate inhibition of secretase-mediated cleavage of APP can utilize any of the known forms of APP, including the 695 amino acid "normal" isotype described by Kang et al., 1987, Nature 325:733-6, the 770 amino acid isotype described by Kitaquchi et. al., 1981, Nature 331:530-532, and variants such as the Swedish Mutation (KM670-1NL) (APP-SW), the Mutation (V7176F), and others. See, for example, U.S. Patent No. 5,766,846 and also Hardy, 1992, Nature Genet. 1:233-234, for a review of known variant mutations. Additional useful substrates include the dibasic amino acid modification, APP-KK disclosed, for example, in WO 00/17369, fragments of APP, and synthetic peptides containing the beta-secretase cleavage site, wild type or mutated form, e.g., SW, as described, example, in U.S. Patent No 5,942,400 and WO00/03819.

APP substrate contains the cleavage site of APP (KM-DA or NL-DA) for example, a complete APP peptide or variant, an APP fragment, a recombinant or synthetic APP, or a fusion peptide. fusion peptide Preferably, the includes the secretase cleavage site fused to a peptide having a moiety useful for enzymatic assay, for example, having isolation and/or detection properties. A useful moiety may be an antigenic epitope for antibody binding, a label or other detection moiety, a binding substrate, and the like.

Antibodies

Products characteristic of APP cleavage can be measured by immunoassay using various antibodies, as described, for example, in Pirttila et al., 1999, Neuro.

Lett. 249:21-4, and in U.S. Patent No. 5,612,486. Useful antibodies to detect A beta include, for example, the monoclonal antibody 6E10 (Senetek, St. Louis, MO) that specifically recognizes an epitope on amino acids 1-16 of the A beta peptide; antibodies 162 and 164 (New York State Institute for Basic Research, Staten Island, NY) that are specific for human A beta 1-40 and 1-42, respectively; and antibodies that recognize the junction region of beta-amyloid peptide, the site between residues 16 and 17, as described in U.S. Patent No. 5,593,846. Antibodies raised against a synthetic peptide of residues 591 to 596 of APP and SW192 antibody raised against 590-596 of the Swedish mutation are also useful in immunoassay of APP and its cleavage products, as described in U.S. Patent Nos. 5,604,102 and 5,721,130.

Assay Systems

Assays for determining APP cleavage at the beta-secretase cleavage site are well known in the art. Exemplary assays, are described, for example, in U.S. Patent Nos. 5,744,346 and 5,942,400, and described in the Examples below.

Cell Free Assays

Exemplary assays that can be used to demonstrate the inhibitory activity of the compounds of the invention are described, for example, in WO00/17369, WO 00/03819, and U.S. Patents No. 5,942,400 and 5,744,346. Such assays can be performed in cell-free incubations or in cellular incubations using cells expressing a beta-secretase and an APP substrate having a beta-secretase cleavage site.

An APP substrate containing the beta-secretase cleavage site of APP, for example, a complete APP or

variant, an APP fragment, or a recombinant or synthetic APP substrate containing the amino acid sequence: or NL-DA, is incubated in the presence of beta-secretase enzyme, a fragment thereof, or a synthetic or recombinant polypeptide variant having beta-secretase activity and effective to cleave the beta-secretase cleavage site of APP, under incubation conditions suitable for the cleavage activity of the enzyme. Suitable substrates optionally include derivatives that may be proteins or peptides that contain the substrate peptide and a modification useful to facilitate the purification detection of the peptide or its beta-secretase cleavage products. Useful modifications include insertion of a known antigenic epitope for antibody binding; the linking of a label or detectable moiety, the linking of a binding substrate, and the like.

Suitable incubation conditions for a cell-free in vitro assav include, for example: approximately 200 nanomolar to 10 micromolar substrate, approximately 10 to 200 picomolar enzyme, and approximately 0.1 nanomolar to 10 micromolar inhibitor compound, in aqueous solution, at an approximate pH of 4 -7, at approximately 37 degrees C, for a time period of approximately 10 minutes to 3 hours. These incubation conditions are exemplary only, and can be varied as required for the particular assay components and/or desired measurement system. Optimization of the incubation conditions for the particular assay components should account for the specific beta-secretase enzyme used and its pH optimum, any additional enzymes and/or markers that might be used in the assay, and the like. Such optimization is routine and will not require undue experimentation.

One useful assay utilizes a fusion peptide having maltose binding protein (MBP) fused to the C-terminal 125 amino acids of APP-SW. The MBP portion is captured on an assay substrate by anti-MBP capture antibody. Incubation of the captured fusion protein in the presence of beta-secretase results in cleavage of the substrate at the beta-secretase cleavage site. Analysis of the cleavage activity can be, for example, by immunoassay of cleavage products. One such immunoassay detects a unique epitope exposed at the carboxy terminus of the cleaved fusion protein, for example, using the antibody SW192. This assay is described, for example, in U.S. Patent No 5,942,400.

Cellular Assay

Numerous cell-based assays can be used to analyze beta-secretase activity and/or processing of APP to release A beta. Contact of an APP substrate with a beta-secretase enzyme within the cell and in the presence or absence of a compound inhibitor of the invention can be used to demonstrate beta-secretase inhibitory activity of the compound. Preferably, assay in the presence of a useful inhibitory compound provides at least about 30%, most preferably at least about 50% inhibition of the enzymatic activity, as compared with a non-inhibited control.

In one embodiment, cells that naturally express beta-secretase are used. Alternatively, cells are modified to express a recombinant beta-secretase or synthetic variant enzyme as discussed above. The APP substrate may be added to the culture medium and is preferably expressed in the cells. Cells that naturally express APP, variant or mutant forms of APP, or cells

transformed to express an isoform of APP, mutant or variant APP, recombinant or synthetic APP, APP fragment, or synthetic APP peptide or fusion protein containing the beta-secretase APP cleavage site can be used, provided that the expressed APP is permitted to contact the enzyme and enzymatic cleavage activity can be analyzed.

Human cell lines that normally process A beta from APP provide a useful means to assay inhibitory activities of the compounds of the invention. Production and release of A beta and/or other cleavage products into the medium can be measured, for example immunoassay, such as Western blot or enzyme-linked immunoassay (EIA) such as by ELISA.

Cells expressing an APP substrate and an active beta-secretase can be incubated in the presence of a compound inhibitor to demonstrate inhibition of enzymatic activity as compared with a control. Activity of beta-secretase can be measured by analysis of one or more cleavage products of the APP substrate. For example, inhibition of beta-secretase activity against the substrate APP would be expected to decrease release of specific beta-secretase induced APP cleavage products such as A beta.

Although both neural and non-neural cells process and release A beta, levels of endogenous beta-secretase activity are low and often difficult to detect by EIA. The use of cell types known to have enhanced beta-secretase activity, enhanced processing of APP to A beta, and/or enhanced production of A beta are therefore preferred. For example, transfection of cells with the Swedish Mutant form of APP (APP-SW); with APP-KK; or with APP-SW-KK provides cells having enhanced beta-secretase

activity and producing amounts of A beta that can be readily measured.

In such assays, for example, the cells expressing APP and beta-secretase are incubated in a culture medium under conditions suitable for beta-secretase enzymatic activity at its cleavage site on the APP substrate. On exposure of the cells to the compound inhibitor, the amount of A beta released into the medium and/or the amount of CTF99 fragments of APP in the cell lysates is reduced as compared with the control. The cleavage products of APP can be analyzed, for example, by immune reactions with specific antibodies, as discussed above.

Preferred cells for analysis of beta-secretase activity include primary human neuronal cells, primary transgenic animal neuronal cells where the transgene is APP, and other cells such as those of a stable 293 cell line expressing APP, for example, APP-SW.

In vivo Assays: Animal Models

Various animal models can be used to analyze betasecretase activity and /or processing of APP to release A For example, transgenic beta, as described above. animals expressing APP substrate and beta-secretase enzyme can be used to demonstrate inhibitory activity of the compounds of the invention. Certain transgenic animal models have been described, for example, in U.S. 5,877,399; 5,612,486; 5,387,742; Nos.: Patent 5,720,936; 5,850,003; 5,877,015,, and 5,811,633, and in Preferred are 1995, Nature 373:523. Ganes et al., animals that exhibit characteristics associated with the pathophysiology of AD. Administration of the compound inhibitors of the invention to the transgenic mice described herein provides an alternative method for

demonstrating the inhibitory activity of the compounds. Administration of the compounds in a pharmaceutically effective carrier and via an administrative route that reaches the target tissue in an appropriate therapeutic amount is also preferred.

Inhibition of beta-secretase mediated cleavage of APP at the beta-secretase cleavage site and of A beta release can be analyzed in these animals by measure of cleavage fragments in the animal's body fluids such as cerebral fluid or tissues. Analysis of brain tissues for A beta deposits or plaques is preferred.

On contacting an APP substrate with a beta-secretase enzyme in the presence of an inhibitory compound of the invention and under conditions sufficient to permit enzymatic mediated cleavage of APP and/or release of A beta from the substrate, the compounds of the invention are effective to reduce beta-secretase-mediated cleavage of APP at the beta-secretase cleavage site effective to reduce released amounts of A beta. such contacting is the administration of the inhibitory of the invention to an animal model, compounds example, as described above, the compounds are effective to reduce A beta deposition in brain tissues of the animal, and to reduce the number and/or size of beta amyloid plaques. Where such administration is to a human subject, the compounds are effective to inhibit or slow the progression of disease characterized by enhanced amounts of A beta, to slow the progression of AD in the, and/or to prevent onset or development of AD in a patient at risk for the disease.

Unless defined otherwise, all scientific and technical terms used herein have the same meaning as commonly understood by one of skill in the art to which

this invention belongs. All patents and publications referred to herein are hereby incorporated by reference for all purposes.

Definitions

The definitions and explanations below are for the terms as used throughout this entire document including both the specification and the claims.

It should be noted that, as used in this specification and the appended claims, the singular forms "a," "an," and "the" include plural referents unless the content clearly dictates otherwise. Thus, for example, reference to a composition containing "a compound" includes a mixture of two or more compounds. It should also be noted that the term "or" is generally employed in its sense including "and/or" unless the content clearly dictates otherwise.

The symbol "-" in general represents a bond between Thus $CH_3-O-CH_2-CH(R_i)-CH_3$ chain. the in two atoms represents a 2-substituted-1-methoxypropane compound. the point п — п symbol represents addition, the attachment of the substituent to a compound. Thus for example $aryl(C_1-C_6)alkyl-indicates$ an alkylaryl group, such as benzyl, attached to the compound at the alkyl moiety.

Where multiple substituents are indicated as being attached to a structure, it is to be understood that the substituents can be the same or different. Thus for example " R_{m} optionally substituted with 1, 2 or 3 R_{q} groups" indicates that R_{m} is substituted with 1, 2, or 3 R_{q} groups where the R_{q} groups can be the same or different.

APP, amyloid precursor protein, is defined as any APP polypeptide, including APP variants, mutations, and isoforms, for example, as disclosed in U.S. Patent No. 5,766,846.

A beta, amyloid beta peptide, is defined as any peptide resulting from beta-secretase mediated cleavage of APP, including peptides of 39, 40, 41, 42, and 43 amino acids, and extending from the beta-secretase cleavage site to amino acids 39, 40, 41, 42, or 43.

Beta-secretase (BACE1, Asp2, Memapsin 2) is an aspartyl protease that mediates cleavage of APP at the amino-terminal edge of A beta. Human beta-secretase is described, for example, in WO00/17369.

Pharmaceutically acceptable refers to those properties and/or substances that are acceptable to the patient from a pharmacological/toxicological point of view and to the manufacturing pharmaceutical chemist from a physical/chemical point of view regarding composition, formulation, stability and patient acceptance.

A therapeutically effective amount is defined as an amount effective to reduce or lessen at least one symptom of the disease being treated or to reduce or delay onset of one or more clinical markers or symptoms of the disease.

By "alkyl" and "C₁-C₆ alkyl" in the present invention is meant straight or branched chain alkyl groups having 1-6 carbon atoms, such as, methyl, ethyl, propyl, isopropyl, n-butyl, sec-butyl, tert-butyl, pentyl, 2-pentyl, isopentyl, neopentyl, hexyl, 2-hexyl, 3-hexyl, and 3-methylpentyl. It is understood that in cases where an alkyl chain of a substituent (e.g. of an alkyl, alkoxy or alkenyl group) is shorter or longer than 6 carbons, it

will be so indicated in the second "C" as, for example, " C_1 - C_{10} " indicates a maximum of 10 carbons.

By "alkoxy" and "C₁-C₆ alkoxy" in the present invention is meant straight or branched chain alkyl groups having 1-6 carbon atoms, attached through at least one divalent oxygen atom, such as, for example, methoxy, ethoxy, propoxy, isopropoxy, n-butoxy, sec-butoxy, tertbutoxy, pentoxy, isopentoxy, neopentoxy, hexoxy, and 3-methylpentoxy.

By the term "halogen" in the present invention is meant fluorine, bromine, chlorine, and iodine.

"Alkenyl" and " C_2 - C_6 alkenyl" means straight and branched hydrocarbon radicals having from 2 to 6 carbon atoms and from one to three double bonds and includes, for example, ethenyl, propenyl, 1-but-3-enyl, 1-pent-3-enyl, 1-hex-5-enyl and the like.

"Alkynyl" and " C_2 - C_6 alkynyl" means straight and branched hydrocarbon radicals having from 2 to 6 carbon atoms and one or two triple bonds and includes ethynyl, propynyl, butynyl, pentyn-2-yl and the like.

As used herein, the term "cycloalkyl" refers to saturated carbocyclic radicals having three to twelve The cycloalkyl can be monocyclic, or a carbon atoms. polycyclic fused system. Examples of such radicals include cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl and cycloheptyl. The cycloalkyl groups herein are unsubstituted or, as specified, substituted in one or more substitutable positions with various groups. example, such cycloalkyl groups may be optionally substituted with $C_1\text{-}C_6$ alkyl, $C_1\text{-}C_6$ alkoxy, halogen, amino, mono(C₁-C₆)alkylamino, cyano, nitro, hydroxy, C_2 - C_6 alkynyl, C_2 - C_6 alkenyl, $di(C_1-C_6)$ alkylamino, haloalkyl, C_1-C_6 haloalkoxy, amino (C_1-C_6) alkyl, mono (C_1-C_6)

 C_6) alkylamino (C_1-C_6) alkyl or di (C_1-C_6) alkylamino (C_1-C_6) alkyl.

By "aryl" is meant an aromatic carbocyclic group having a single ring (e.g., phenyl), multiple rings (e.g., biphenyl), or multiple condensed rings in which at least one is aromatic, (e.g., 1,2,3,4-tetrahydronaphthyl, naphthyl), which is optionally mono-, di-, trisubstituted. Preferred aryl groups of the present invention are phenyl, 1-naphthyl, 2-naphthyl, indanyl, indenyl, dihydronaphthyl, tetralinyl or 6,7,8,9tetrahydro-5H-benzo[a]cycloheptenyl. The aryl groups herein are unsubstituted or, as specified, substituted in one or more substitutable positions with various groups. For example, such aryl groups may be optionally substituted with, for example, C₁-C₆ alkyl, C₁-C₆ alkoxy, halogen, hydroxy, cyano, nitro, amino, mono (C_1 - C_6) alkylamino, di (C_1-C_6) alkylamino, C_2-C_6 alkenyl, C_6 alkynyl, C_1 - C_6 haloalkyl, C_1 - C_6 haloalkoxy, $mono(C_1-C_6)$ alkylamino (C_1-C_6) alkyl, C_6) alkyl, di(C₁- C_6) alkylamino (C_1-C_6) alkyl, -COOH, $-C(=O)O(C_1-C_6)$ alkyl), $-C(=0)NH_2$, $-C(=0)N(mono-ordi-C_1-C_6$ alkyl), $-S(C_1-C_6)$ alkyl), $-SO_2(C_1-C_6 \ alkyl)$, $-O-C(=O)(C_1-C_6 \ alkyl)$, -NH- $C(=0) - (C_1 - C_6 \text{ alkyl}), -N(C_1 - C_6 \text{ alkyl}) - C(=0) - (C_1 - C_6 \text{ alkyl}), NH-SO_2-(C_1-C_6 \ alkyl)$, $-N(C_1-C_6 \ alkyl)-SO_2-(C_1-C_6 \ alkyl)$, - $NH-C(=0)NH_2$, $-NH-C(=0)N(mono-ordi-C_1-C_6 alky1)$, C_6 alkyl)-C(=0)- NH_2 or - $NH(C_1-C_6$ alkyl)-C(=0)-N-(mono-or) $di-C_1-C_6$ alkyl).

By "heteroaryl" is meant one or more aromatic ring systems of 5-, 6-, or 7-membered rings which includes fused ring systems of 9-11 atoms containing at least one and up to four heteroatoms selected from nitrogen, oxygen, or sulfur. Preferred heteroaryl groups of the present invention include pyridinyl, pyrimidinyl,

indolinyl, indolyl, benzothienyl, quinolinyl, isoquinolyl, pyrazinyl, isoindolyl, pryidazinyl, quinoxalinyl, phthalazinyl, imidazolyl, quinazolinyl, isoxazolyl, pyrazolyl, oxazolyl, thiazolyl, indolizinyl, indazolyl, benzothiazolyl, benzimidazolyl, benzofuranyl, furanyl, thienyl, pyrrolyl, oxadiazolyl, thiadiazolyl, oxazolopyridinyl, tetrazolyl, triazolyl, naphthyridinyl, isothiazolyl, imidazopyridinyl, beta-carbolinyl, isochromanyl, cinnolinyl, carbazolyl, isoindolinyl, tetrahydroisoquinolinyl, chromanyl, isobenzotetrahydrothienyl, isobenzotetrahydrofuranyl, pyridopyridinyl, benzoxazolyl, isobenzothienyl, benzotetrahydrofuranyl, benzotetrahydrothienyl, purinyl, benzodioxolyl, triazinyl, phenoxazinyl, phenothiazinyl, imidazopyridinyl, benzothiazolyl, pteridinyl, imidazothiazolyl, dihydrobenzisoxazinyl, benzisoxazinyl, benzoxazinyl, dihydrobenzisothiazinyl, benzopyranyl, benzothiopyranyl, coumarinyl, isocoumarinyl, chromonyl, pyridinyl-N-oxide, tetrahydroquinolinyl, chromanonyl, dihydroquinolinonyl, dihydroquinolinyl, dihydrocoumarinyl, dihydroisoguinolinonyl, dihydroisocoumarinyl, isoindolinonyl, benzodioxanyl, benzoxazolinonyl, pyrrolyl N-oxide,, pyrimidinyl N-oxide, pyridazinyl N-oxide, pyrazinyl N-oxide, quinolinyl Noxide, indolyl N-oxide, indolinyl N-oxide, isoquinolyl Nquinazolinyl N-oxide, quinoxalinyl oxide, phthalazinyl N-oxide, imidazolyl N-oxide, isoxazolyl Noxide, oxazolyl N-oxide, thiazolyl N-oxide, indolizinyl Nindazolyl N-oxide, benzothiazolyl N-oxide, oxide, benzimidazolyl N-oxide, pyrrolyl N-oxide, oxadiazolyl Noxide, thiadiazolyl N-oxide, triazolyl N-oxide, tetrazolyl N-oxide, benzothiopyranyl S-oxide, benzothiopyranyl S,Sdioxide. The heteroaryl groups herein are unsubstituted

specified, substituted in one oras more substitutable positions with various groups. For be optionally such heteroaryl groups may example, substituted with C_1-C_6 alkyl, C_1-C_6 alkoxy, hydroxy, cyano, nitro, amino, mono (C_1-C_6) alkylamino, $di(C_1-C_6)$ alkylamino, C_2 - C_6 alkenyl, C_2 - C_6 alkynyl, $C_1 - C_6$ haloalkyl, C_1-C_6 haloalkoxy, amino (C_1-C_6) alkyl, mono (C_1-C_6) C_6) alkylamino $(C_1 - C_6)$ alkyl or $di(C_1-C_6)$ alkylamino $(C_1 C_6$) alkyl, -COOH, -C(=0) O(C_1 - C_6 alkyl), $-C(=0)NH_2$, $C(=0) N (mono- or di-C_1-C_6 alkyl), -S(C_1-C_6 alkyl), -SO_2(C_1-C_6 alkyl)$ alky1), $-O-C(=O)(C_1-C_6 alky1)$, $-NH-C(=O)-(C_1-C_6 alky1)$, - $N(C_1-C_6 \text{ alkyl})-C(=0)-(C_1-C_6 \text{ alkyl}), -NH-SO_2-(C_1-C_6 \text{ alkyl}), N(C_1-C_6 \text{ alkyl})-SO_2-(C_1-C_6 \text{ alkyl}), -NH-C(=O)NH_2,$ -NH- $C (=0) N (mono- or di-C_1-C_6 alkyl)$, $-NH (C_1-C_6 alkyl)-C (=0)$ - NH_2 or $-NH(C_1-C_6 \text{ alkyl})-C(=O)-N-(mono- or <math>di-C_1-C_6 \text{ alkyl})$.

"heterocycle", "heterocycloalkyl" "heterocyclyl" is meant one or more carbocyclic ring systems of 3-, 4-, 5-, 6-, or 7-membered rings which includes fused ring systems of 9-11 atoms containing at least one and up to four heteroatoms selected from nitrogen, oxygen, or sulfur. Preferred heterocycles of invention the present include morpholinyl, thiomorpholinyl, thiomorpholinyl S-oxide, thiomorpholinyl S,S-dioxide, piperazinyl, homopiperazinyl, pyrrolidinyl, pyrrolinyl, tetrahydropyranyl, piperidinyl, tetrahydrofuranyl, tetrahydrothienyl, homopiperidinyl, homomorpholinyl, homothiomorpholinyl, homothiomorpholinyl S,S-dioxide, oxazolidinonyl, dihydropyrazolyl, dihydropyrrolyl, dihydropyrazinyl, dihydropyridinyl, dihydropyrimidinyl, dihydrofuryl, dihydropyranyl, tetrahydrothienyl diazepanyl, S-oxide, tetrahydrothienyl S,S-dioxide and homothiomorpholinyl S-The heterocycle groups herein maybe unsubstituted oxide.

specified, substituted in one more as groups. substitutable positions with various For be optionally example, such heterocycle groups may substituted with C_1 - C_6 alkyl, C_1 - C_6 alkoxy, halogen, hydroxy, cyano, nitro, amino, mono(C_1 - C_6) alkylamino, $di(C_1-C_6)alkylamino, C_2-C_6alkenyl, C_2-C_6alkynyl,$ haloalkyl, C_1-C_6 haloalkoxy, amino (C_1-C_6) alkyl, mono (C_1-C_6) C_6) alkylamino (C_1-C_6) alkyl, di (C_1-C_6) alkylamino (C_1-C_6) alkyl or =0.

All patents and publications referred to herein are hereby incorporated by reference for all purposes.

Structures were named using Name Pro IUPAC Naming Software, version 5.09, available from Advanced Chemical Development, Inc., 90 Adelaide Street West, Toronto, Ontario, M5H 3V9, Canada.

The present invention may be better understood with reference to the following examples. These examples are intended to be representative of specific embodiments of the invention, and are not intended as limiting the scope of the invention.

CHEMISTRY EXAMPLES

The following detailed examples describe how to prepare the various compounds and/or perform the various processes of the invention and are to be construed as merely illustrative, and not limitations of the preceding disclosure in any way whatsoever. Those skilled in the art will promptly recognize appropriate variations from the procedures both as to reactants and as to reaction conditions and techniques.

PREPARATION 1 tert-Butyl (1S)-3-bromo-1-(3,5-difluorobenzyl)-2-oxopropylcarbamate (III)

N-methyl-morpholine (5.83 Ml, 53 mmole, 1.05 eq.) is added to $(2S)-2-[(\text{tert-butoxycarbonyl})\,\text{amino}]-3-(3,5-\text{difluorophenyl})\,\text{propanoic acid (II, 15 g, 50 mmole)}$ in THF (100 mL) and the reaction is cooled to -78° . Isobutyl chloroformate (6.87 mL, 53 mmole, 1.05 eq.) is added rapidly. The cold bath is then removed and the mixture stirred for 1 hr. The reaction was monitored by TLC to insure completion of the reaction and the mixture is then filtered and washed with dry THF (50 ml) and kept cold in the filtered flask at -20° .

In a ice-salt bath is placed a 500 ml graduate cylinder containing ether (200 mL) and aqueous potassium hydroxide (40%, 60 ml). 1-methyl-3-nitro-1nitrosoguanidine (5.6 g, 106 mmole, 2.1 eq.) is added slowly with stirring and temperature kept below zero The mixture turned yellow and the bubbling lasted for 10 minutes. The stirring is stopped and without mixing the layers, the top diazomethane ethereal layer is transferred with non-ground tip pipette into the stirred mixed anhydride mixture at -20° . The reaction is monitored by TLC (ethyl acetate/hexane, 50/50; $R_f = 0.69$). After 1 hour nitrogen is then bubbled into the mixture. The solvent is removed under reduced pressure (with heat) and the mixture is partitioned between ether and water. The phases are separated, the organic phase is washed with bicarbonate, saline, dried over anhydrous sulfate, filtered, and solvent removed under reduced pressure (with heat). The residue is dissolved in ether (100 mL) and hydrobromous acid (48%, 15 mL, 135 mmole, 2.7 eq,) is added at -20° , the cold bath is removed and the mixture is stirred for another half hour. reaction is monitored by TLC (ethyl acetate/hexane, 50/50; $R_f = 0.88$). The mixture is partitioned between

ether and water, washed with bicarbonate, saline, dried over anhydrous sodium sulfate, filtered, and the solvent removed. The residue is recrystallized from ethanol to give the title compound, TLC (ethyl acetate/hexane, 50/50) $R_{\rm f}$ = 0.88; MS (MH⁺) = 379.3

PREPARATION 2 tert-Butyl (1S, 2S)-3-bromo-1-(3,5-difluorobenzyl)-2-hydroxypropylcarbamate (IV)

Sodium borohydride (1.32 g, 34.9 mmole, 1.1 eq.) is added to tert-Butyl (1S)-3-bromo-1-(3,5-difluorobenzyl)-2-oxopropylcarbamate (III, PREPARATION 1, 12 g, 31.75 mmole) dissolved in absolute alcohol (500 mL) -78° . The reaction mixture is stirred for 30 minutes and monitored by TLC (ethyl acetate/hexane, 20/80; $R_f = 0.2$). The mixture is quenched with water (10 mL) and the solvent removed under reduced pressure with heat (not exceeding 30°) to dryness. The solid is partitioned between dichloromethane and water, washed with saline, dried over anhydrous sodium sulfate. The solvent is removed under reduced pressure to give the title compound, TLC (ethyl acetate/hexane, 20/80) $R_f = 0.2$; MS (MH⁺) = 381.2

PREPARATION 3 tert-Butyl (1S)-2-(3,5-difluorophenyl)-1[(2S)-oxiranyl]ethylcarbamate (V)

tert-Butyl (1S, 2S)-3-bromo-1-(3,5-difluorobenzyl)-2-hydroxypropylcarbamate (IV, PREPARATION 2) is dissolved in absolute alcohol (150 mL) and ethyl acetate (100 mL) and potassium hydroxide (2.3 g, 34.9 mmole, 1.1eq.) in ethyl alcohol (85%, 5mL) is added at -20°. The cold bath is then removed and the mixture stirred for 30 minutes. The reaction is monitored by TLC (ethyl acetate/hexane, 20/80). When the reaction is complete, it is diluted with dichloromethane and extracted, washed with water,

saline, dried over anhydrous sodium sulfate and the solvent removed under reduced pressure. The crude material is purified by flash chromatography on silica gel to give the title compound, TLC (ethyl acetate/hexane, 20/80) $R_f=0.3$; MS (MH⁺) = 300.4.

PREPARATION 4: tert-Butyl (1S,2R)-1-(3,5-difluorobenzyl)2-hydroxy-3-[(3-(triflurormethyl)benzyl)amino]propylcarbamate

tert-Butyl (1S) - 2 - (3, 5 - difluorophenyl) - 1 - [(2S) oxiranyl]ethylcarbamate (PREPARATION 3, 8.5 g, mmole) is mixed with isopropanol (145 ml). The reaction flask is charged with 3-(trifluoromethyl)benzylamine. The reaction mixture is heated to reflux for 3 hours, HPLC analysis indicates complete disappearance of the The reaction mixture is concentrated under epoxide. reduced pressure and the residue is partitioned between ethyl acetate and aqueous hydrochloric acid. phase is separated and washed with aqueous hydrochloric acid, bicarbonate, and saline then dried over sodium sulfate. Concentration under reduced pressure and recrystallization from hot hexane gives the title compound, MS (MH+) 475.

PREPARATION 5: tert-Butyl (1S,2R)-1-(3,5difluorobenzyl)-2-hydroxy-3-{(tert-butyloxy)carbonyl-3{(trifluoromethyl)benzyl}amino}propylcarbamate

To a solution of tert-butyl (1S,2R)-1-(3,5-difluorobenzyl)-2-hydroxy-3-[(3-(triflurormethyl)benzyl)-amino]propylcarbamate (PREPARATION 4, 6.2 g, 13.1 mmole) in THF (70 ml) at 0° is added di-tert-butyl pyrocarbonate (6.3 g, 28.9 mmole). The reaction mixture is stirred at 20-25° for 18 hours. The reaction mixture is diluted with diethyl ether and washed with bicarbonate, 0.5 M citric acid, and saline then dried over sodium sulfate and concentrated to give the title compound, MS (MNa⁺) 597.

PREPARATION 6: 3-iodo-5-(methoxycarbonyl)benzoic

To an ice-cold, stirred solution of commercially available 3-amino-5-(methoxycarbonyl)benzoic acid (5.19 g, 26.59 mmol) in 2 N hydrochloric acid (156 mL) was added a solution of sodium nitrite (1.84 g, 26.67 mmol) in water (10.8 mL). This mixture was then added dropwise to an ice-cold, stirred solution of potassium iodide (8.84 g, 53.25 mmol) in water (26.2 mL). After stirring for 35 min, the reaction mixture was diluted with water

and extracted with ethyl acetate. The organic layer was washed with 5% aqueous sodium thiosulfate, and saturated sodium chloride, dried (sodium sulfate), and concentrated under reduced pressure. Purification by flash column chromatography (silica, 50:50:2 hexanes/ethyl acetate/acetic acid) afforded the title compound (4.48 g, 55% yield) as an off-white solid. ESI-MS $(m/z): 305 \ [M + H]^+$.

PREPARATION 7: 3-[(dipropylamino)carbonyl]-5-(1,3-oxazol-2-yl)benzoic acid

$$Pr_2N$$
 OH

To a -70 °C solution of oxazole (4.0 g, 58 mmol) in tetrahydrofuran (100 mL) was added n-butyllithium (1.6 M in hexanes, 40 mL, 64 mmol). After 30 min, zinc chloride (1 M in diethyl ether, 166 mL, 166 mmol) was added and the reaction mixture was warmed to 0 °C for 1 h. To this mixture was added 3-iodo-5-(methoxycarbonyl)benzoic acid (PREPARATION 6, 21.4 g, 55 mmol) and palladium(0) tetrakis(triphenylphosphine) (2.7 g, 2.34 mmol). The reaction mixture was heated at reflux for 1 h. reaction mixture was diluted with ethyl acetate (300 mL), washed with water, and saturated sodium chloride. organic layer was dried (sodium sulfate) and concentrated under reduced pressure. Purification by silica gel plug (10-33% ethyl acetate/hexanes) provided an oxazole (17.7 g, 97%) as a light yellow solid: 1 H NMR (300 MHz, CDCl₃) δ

8.73 (t, J = 2 Hz, 1H), 8.24 (t, J = 2 Hz, 1H), 8.11 (t, J = 2 Hz, 1H), 7.77 (d, J = 1 Hz, 1H), 7.28 (d, J = 1 Hz, 1H), 3.97 (s, 3H), 3.49 (m, 2H), 3.19 (m, 2H), 1.71 (m, 2H), 1.57 (m, 2H), 1.01 (m, 3H), 0.76 (m, 3H).

To a stirred solution of the ester from step 1 (17.7 g, 53.6 mmol) in tetrahydrofuran (50 mL), methanol (25 mL), and water (25 mL) was added lithium hydroxide monohydrate (6.92 g, 165 mmol). The reaction mixture was temperature for and 2 room at The residue was concentrated under reduced pressure. partitioned between water (100 mL) and diethyl ether (100 The aqueous layer was acidified to pH 4-5 with hydrochloric acid and extracted with ethyl acetate (3 \times 200 mL). The combined organic layers were washed with saturated sodium chloride, dried (sodium sulfate), concentrated under reduced pressure to one-half The resulting precipitate was collected original volume. by filtration and washed with hexanes to provide the title compound (15.5 g, 91%) as an off-white solid: mp 131-133 °C; ^{1}H NMR (300 MHz, CD₃OD) δ 8.72 (s, 1H), 8.22 (s, 1H), 8.10 (s, 1H), 8.06 (d, J = 1 Hz, 1H), 7.36 (d, J)= 1 Hz, 1H), 3.52 (m, 2H), 3.25 (m, 2H), 1.76 (m, 2H), 1.62 (m, 2H), 1.02 (m, 3H), 0.76 (m, 3H); APCI MS m/z 317 $[M + H]^+$.

PREPARATION 8: (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1
({[3-(trifluoromethyl)benzyl]amino}methyl)propyl 3
[(dipropylamino)carbonyl]-5-(1,3-oxazol-2-yl)benzoate

dihydrochloride

To solution of tert-butyl (1S, 2R) -1- (3,5difluorobenzyl) -2-hydroxy-3-{(tert-butyloxy)carbonyl-3-{ (trifluoromethyl) benzyl}amino}propylcarbamate (PREPARATION 5, 594 mg, 1.0 mmole) in DMF (2 mL) is added 3-[(dipropylamino)carbonyl]-5-(1,3-oxazol-2-yl)benzoic (PREPARATION 7, 316 mg, 1.0 mmole), 1-(3dimethylaminopropyl)-3-ethylcarbodiimide hydrochloride (210 mg, 1.1 mmole), and 4-(dimethylamino)pyridine (146 mg, 1.2 mmole). After ~36 hours, the reaction mixture is diluted with ethyl acetate and washed with bicarbonate and brine (4X) then dried over sodium sulfate, filtered, and concentrated under reduced pressure. concentrate is purified on silica gel by flash chromatography using gradient solvent of a ethyl acetate/hexane (20/80 to 50/50) to give (1R,2S)-2-[(tertbutoxycarbonyl) amino] -1-({ (tert-butoxycarbonyl) [3-(trifluoromethyl) benzyl] amino} methyl) -3-(3,5difluorophenyl)propyl 3-[(dipropylamino)carbonyl]-5-(1,3oxazol-2-yl)benzoate, MS (MNa+) 895.

(1R,2S)-2-[(tert-butoxycarbonyl)amino]-1-({(tert-butoxycarbonyl)[3-(trifluoromethyl)benzyl]amino}methyl)3-(3,5-difluorophenyl)propyl 3-[(dipropylamino)carbonyl]-

5-(1,3-oxazol-2-yl) benzoate (482 mg, 0.55 mmole) is dissolved in hydrochloric acid/dioxane (4N, 3 ml) is stirred for 1 hour at 20-25°. The solvent is then removed under reduced pressure to give the title compound, MS (MH⁺) 673.

PREPARATION 9: N~1~-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-(1,3-oxazol-2-yl)-N~3~,N~3~-dipropyl-N~1~-[3-(trifluoromethyl)benzyl]-isophthalamide hydrochloride

To a solution of tert-butyl (1S,2R)-1-(3,5-difluorobenzyl)-2-hydroxy-3-[(3-

(trifluorormethyl)benzyl)amino]propylcarbamate

(PREPARATION 4, 393 mg, 0.83 mmole) in DMF (2 mL) 3-[(dipropylamino)carbonyl]-5-(1,3-oxazol-2added yl)benzoic acid (PREPARATION 7, 262 mg, 0.83 mmole), 1-(3-dimethylaminopropyl)-3-ethylcarbodiimide hydrochloride (175 mg, 0.91 mmole), and 4-(dimethylamino)pyridine (122 mg, 1.0 mmole). After ~18 hours, the reaction mixture is diluted with ethyl acetate and washed with bicarbonate (2X) and brine (4X) then dried over sodium sulfate, filtered, and concentrated under reduced pressure. The flash silica gel by on concentrate is purified gradient ethyl solvent of a chromatography using give tert-butyl to 70/30) to acetate/hexane (50/50 $(1S, 2R) - 1 - (3, 5 - difluorobenzyl) - 3 - {[3 - (3, 5 - difluorobenzyl)]}$

[(dipropylamino)carbonyl]-5-(1,3-oxazol-2-yl)benzoyl][3-(trifluoromethyl)benzyl]amino}-2-hydroxypropylcarbamate, MS (MH⁺) 773.

 $(1S, 2R) - 1 - (3, 5 - difluorobenzyl) - 3 - \{ [3 - 3 - 3] \}$ tert-butyl [(dipropylamino)carbonyl]-5-(1,3-oxazol-2-yl)benzoyl][3-(trifluoromethyl)benzyl]amino}-2-hydroxypropylcarbamate is dissolved in hydrochloric (226 0.29 mmole) mq, acid/dioxane (4N, 2 ml) is stirred for 20 minutes at 20-The solvent is then removed under reduced pressure and the crude material purified by reverse phase HPLC using a gradient aolvent of acetonitrile/water with 0.5% trifluoroacetic acid. The trifluoroacetic acid salt obtained is converted to the hydrochloric salt by treatment with HCl in methanol(1.25 Μ. mL). Concentration under reduced pressure gives the title compound, MS (MH+) 673.

The following compounds are prepared essentially according to the procedures described in the schemes, charts, examples and preparations set forth herein.

Comp #	Structure	Compound Name(s)	[M+H]+
9	NO OHN F	N ¹ -[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-(butylsulfonyl)-N ¹ -(3-ethylbenzyl)-D-alaninamide dihydrochloride	526

	- 		
10	F H ₂ N OH HN O	N¹-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N¹-(3-ethylbenzyl)- N²[(benzyloxy)carbonyl]-3-[(1-propylbutyl)sulfonyl]-D-alaninamide trifluoroacetate	702
11	F O O O O O O O O O O O O O O O O O O O	N¹-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N¹-(3-ethylbenzyl)-3-[(1-propylbutyl)sulfonyl]-D-alaninamide hydrochloride	568
12	O H N O O O O O O O O O O O O O O O O O	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-[(methylsulfonyl)amino]-1,3-thiazole-5-carboxamide	539
13	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	N¹-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N¹-(3-ethylbenzyl)-3-[(1-propylbutyl)sulfonyl]-L-alaninamidebis(trifluoroacetate)	568

14	F		1
	HCI H ₂ N O S	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-(butylsulfonyl)-N-(3-ethylbenzyl)propanamidehydrochloride	511
15	HCI H ₂ N N HCI	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}p ropyl 3-(butylsulfonyl)propanoate dihydrochloride	511
16	HCI H ₂ N O N HCI N O O O O O O O O O O O O O O O O O O	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}p ropyl 3-[(dipropylamino)carbonyl]-5-(1,3-oxazol-2-yl)benzoate dihydrochloride	633

17	HCI H ₂ N ····································	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-({[1-(3-ethylphenyl)cyclopropyl]amino}methyl)propyl 3-[(dipropylamino)carbonyl]-5-(1,3-oxazol-2-yl)benzoatedihydrochloride	659
18	HCI H ₂ N O N HCI CF ₃	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-({[3-(trifluoromethyl)benzyl]amino}methyl)propyl 3-[(dipropylamino)carbonyl]-5-(1,3-oxazol-2-yl)benzoate dihydrochloride	673
19	HCI OH ON N	N¹-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N\(u)1\(d)-(3-ethylbenzyl)-5-(1,3-oxazol-2-yl)-N³,N³-dipropylisophthalamidehydrochloride	633

100	T	·	
20	HCI OH ON ON CF3	N ¹ -[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-(1,3-oxazol-2-yl)-N ³ ,N ³ -dipropyl-N ¹ -[3-(trifluoromethyl)benzyl]isophthalamide hydrochloride	
21		N ¹ -[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-(1,3-oxazol-2-yl)-N ³ ,N ³ -dipropyl-N ¹ -[3-(trifluoromethyl)benzyl]isophthalamide	673
22	N O H Z F F F	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-({[1-(3-ethynylphenyl)cyclopropyl]amino}methyl)propyl 3-[(dipropylamino)carbonyl]-5-(1,3-oxazol-2-yl)benzoate	655
23	F H ₂ N OH HN OO	N ¹ -[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-(butylsulfonyl)-N ¹ -(3-ethylbenzyl)-N ² [(methoxy)carbonyl]-D-alaninamide dihydrochloride	584

24	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-	
	ethylbenzyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-{[(2-	
	handware other laminal sulfanyl henzoate	
26	$(1R.2.5)-2$ -amino-3- $(3.5$ -difluorophenyl)-1- $(\{(2-isobutyl-1,3-thiazol-5-ignatuses)\}$	
	yl)methyl]amino}methyl)propyl 3-[(dipropylamino)carbonylj-3-ethylybenzoate	
28	(1R 2S)-2-amino-3-(3.5-difluorophenyl)-1-{[(3-	
	isopropylbenzyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-	
	ethynylbenzoate	
30	(1.8.25)-2-amino-3-(3.5-difluorophenyl)-1-{[(3-	
	isopropylbenzyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-(1,3-	
	oxazol-2-yl)benzoate	
32	(1.8.2.5)-2-amino-3-(3.5-difluorophenyl)-1-{[(3-	
	ethylbenzyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-{[(2-hydroxy-	
	1.1-dimethylethyl)amino]sulfonyl}benzoate	
34	(1.2.5)-2-amino-3-(3.5-difluorophenyl)-1-{[(3-	
	ethylbenzyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-(4-methyl-1,3-	
	ovazol-2-yl)henzoate	
36	(1R 2S)-2-amino-3-(3.5-difluorophenyl)-1-({[(2-isobutyl-1,3-thiazol-5-	
	yl)methyl]amino}methyl)propyl 3-[(dipropylamino)carbonyl]-5-(1,3-oxazol-2-	
	yl)benzoate	
38	(1R.25)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-	
	ethylbenzyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-{[(3-	
	hydroxypropyl)amino sulfonyl}benzoate hydrochloride	
40	$(1R.2S)$ -2-amino-3- $(3.5$ -difluorophenyl)-1- $\{[(3$ -	
	propylbenzyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-	
	methylbenzoate	
42	(1R 2S)-2-amino-3-(3.5-difluorophenyl)-1-{[(3-	
-	ethylbenzyl)amino]methyl}propyl 3-{[butyl(methyl)amino]carbonyl}-5-	
	methylbenzoate	
44	$(1R, 2S)$ -2-amino-3-(3.5-difluorophenyl)-1-{[(3-	
	ethynylbenzyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-	
1	ethynylhenzoate	
46	(1R 2S)-2-amino-3-(3.5-difluorophenyl)-1-({[(3-isobutylisoxazol-5-	
	vl)methyllamino methyl)propyl 3-[(dipropylamino)carbonyl]-5-ethynylbenzoate	
48	$(1R,2S)$ -2-amino-3-(3,5-difluorophenyl)-1-{[(3-	
	ethylbenzyl)amino]methyl}propyl 3-	
	[(dimethylamino)sulfonyl]-5-	
	[(dipropylamino)carbonyl]benzoate	
	H_2N	
t .		

50	H ₂ N P P P P P P P P P P P P P P P P P P P	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 3- [(dipropylamino)carbonyl]-5-(1,3-oxazol-2- yl)benzoate hydrochloride
52	F H NH ₂ S H S NH ₂ S N H S	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-({[3-(5-formyl-2-thienyl)benzyl]amino} methyl)propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate
54	F B B O O O O O O O O O O O O O O O O O	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-iodobenzyl)amino]methyl} propyl 3-bromo-5-[(dipropylamino)carbonyl]benzoate
56	OH NH O2 NH O2 NH O2 NH NH NH NH NH NH NH NH NH NH	(1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 3- [(dipropylamino)carbonyl]-5-({[(1 <i>R</i>)-2-hydroxy-1-methylethyl]amino}sulfonyl)benzoate
58	H ₁ / _N F H ₂ N H O H	(1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-isobutylbenzyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate

		(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-({[3-
60	N ₂	(trifluoromethyl)benzyl]amino}methyl)propyl 3-
		(militationelly))benzyljamino/memyl)propyr 5
		[(dipropylamino)carbonyl]-5-ethynylbenzoate
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62	(1R,2S)-2-amino-3-(3,5-difluo	prophenyl)-1-{[(3-
02	ethylbenzyl)aminolmethyl)pro	opyl $3-\{[(2R)-2-(methoxymethyl)pyrrolidin-1-$
	yl]carbonyl}-5-methylbenzoa	te hydrochloride
64	(1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluo	prophenyl)-1-{[(3-
	ethylbenzyl)aminolmethyl}pr	opyl 3-[(dipropylamino)carbonyl]-5-({[(1S)-2-
	hydroxy-1-methylethyl]amino	}sulfonyl)benzoate
66	(1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluo	prophenyl)-1-{[(3-
00	ethylbenzyl)aminolmethyl}pr	opyl 3-{[butyl(propyl)amino]carbonyl}-5-
	methylbenzoate	
68	(1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluo	prophenyl)-1-{[(3-
00	ethylbenzyl)aminolmethyl}pr	opyl 3-[(dibutylamino)carbonyl]-5-methylbenzoate
70	(1 R 2.5)-2-amino-3-(3.5-diflue	prophenyl)-1-({[3-(3-hydroxyprop-1-yn-1-
/0	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-({[3-(3-hydroxyprop-1-yn-1-yl)benzyl]amino}methyl)propyl 3-[(dipropylamino)carbonyl]-5-methylben	
72	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3$ -	
12	ethylbenzyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-{[(2S)-2-	
ļ	(hydroxymethyl)pyrrolidin-1-	vilsulfonvilbenzoate
74	(1R.2.5)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-	
/ -	ethylbenzyl)amino]methyl}propyl 3-{[butyl(ethyl)amino]carbonyl}-5-	
	methylbenzoate	
76	$\frac{(1R,2S)-2-\text{amino-3-}(3,5-\text{difluorophenyl})-1-\{[(3-$	
/ 0	ethynylbenzyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-(1,3-	
	oxazol-2-yl)benzoate	,,,F2
78	$(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-\{[(3-$	
/ 0	ethylbenzyl)aminolmethyl}p	ropyl 3-{[cyclohexyl(methyl)amino]carbonyl}-5-
	methylhenzoate	
80	(1R 2S)-2-amino-1-({[3-(cvc)	lopropylamino)benzyl]amino}methyl)-3-(3,5-
	difluorophenyl)propyl 3-[(dir	propylamino)carbonyl]-5-ethynylbenzoate
82	(1R.2S)-2-amino-3- $(3,5$ -diflu	orophenyl)-1-({[3-(3-
"-	thienvl)benzvllamino}methy	l)propyl 3-[(dipropylamino)carbonyl]-5-
	methylbenzoate	
84	(1R.2S)-2-amino-3-(3,5-diflu	orophenyl)-1-({[3-
,	(trifluoromethyl)benzyl]amir	no}methyl)propyl 3-[(dipropylamino)carbonyl]-5-
	(1,3-oxazol-2-yl)benzoate	
86	(1R.2S)-2-amino-3-(3,5-diflu	orophenyl)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-(piperazin-1-	
	ylsulfonyl)benzoate dihydrod	
88	(1R,2S)-2-amino-3-(3,5-diflu	

	iodophenyl)cyclopropyl]amino}methyl)propyl 3-[(dipropylamino)carbonyl]-5	
	methylbenzoate	
90	$(1R,2S)$ -2-amino-1- $\{[(3-sec-butylbenzyl)amino]methyl\}$ -3- $(3,5-$	
	difluorophenyl)propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate	
92	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3$ -	
	ethylbenzyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-(3-	
·	methylisoxazol-4-yl)benzoate hydrochloride	
94	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-({[1-(3-isobutylisoxazol-5-	
	yl)cyclopropyl]amino}methyl)propyl 3-[(dipropylamino)carbonyl]-5-(1,3-	
	oxazol-2-yl)benzoate	
96	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-({[1-(3-	
	ethylphenyl)cyclopropyl]amino}methyl)propyl 3-[(dipropylamino)carbonyl]-5-	
	(1,3-oxazol-2-yl)benzoate	
98	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-	
	ethylbenzyl)amino]methyl}propyl 2-[(dipropylamino)carbonyl]-6-	
100	methylisonicotinate	
100	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3$ -	
	ethylbenzyl)amino]methyl}propyl 3-	
100	{[(cyclopropylmethyl)(propyl)amino]carbonyl}-5-methylbenzoate	
102	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1-{[(3-	
	methoxybenzyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-(1,3-	
104	oxazol-2-yl)benzoate	
104	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $(\{[1-(3-(1-3))]$	
	ethynylphenyl)cyclopropyl]amino}methyl)propyl 3-[(dipropylamino)carbonyl]-	
106	5-(1,3-oxazol-2-yl)benzoate	
106	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1-{[(3-	
	ethylbenzyl)amino]methyl}propyl 3-(aminosulfonyl)-5-	
100	[(dipropylamino)carbonyl]benzoate	
108	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $[({3-[(1Z)-prop-1-en-1-1]})$	
110	yl]benzyl}amino)methyl]propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate	
110	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-	
	ethylbenzyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-(1 <i>H</i> -pyrazol-	
110	4-yl)benzoate hydrochloride	
112	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-({[1-(3-ethylphenyl)-1-	
	methylethyl]amino}methyl)propyl 3-[(dipropylamino)carbonyl]-5-	
114	ethynylbenzoate	
114	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-({[3-	
	(trifluoromethyl)benzyl]amino}methyl)propyl 3-[(dipropylamino)carbonyl]-5-	
116	methylbenzoate	
116	$(1R,2S)-1-\{[(3-\text{allylbenzyl})\text{amino}]\text{methyl}\}-2-\text{amino}-3-(3,5-1)$	
110	difluorophenyl)propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate	
118	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-({[1-(3-	
	ethylphenyl)cyclopropyl]amino}methyl)propyl 3-[(dipropylamino)carbonyl]-5-	
120	methylbenzoate	
120	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-({[1-(3-ethylphenyl)-1-	
	methylethyl]amino}methyl)propyl 3-[(dipropylamino)carbonyl]-5-(1,3-oxazol-2-	
122	yl)benzoate	
122	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-	

	ethylbenzyl)amino]methyl}prop	pyl 3-{[ethyl(propyl)amino]carbonyl}-5-
124	methylbenzoate (1R,2S)-2-amino-1-({[3-(cyclop	propylamino)benzyl]amino}methyl)-3-(3,5-
	difluorophenyl)propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-({[1-(3-	
126	(1R,2S)-2-amino-3-(3,5-diffuor	opnenyl)-1-({[1-(3-
	5-ethynylbenzoate	no}methyl)propyl 3-[(dipropylamino)carbonyl]-
128	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $(\{[1-(3-isobutylisoxazol-5-isobutylisoxazo$	
	yl)cyclopropyl]amino}methyl)propyl 3-[(dipropylamino)carbonyl]-5- methylbenzoate	
130	(1R,2S)-2-amino-3-(3,5-difluor	ophenyl)-1-({[3-(5-formyl-4-methyl-2-
	thienyl)benzyl]amino}methyl)r methylbenzoate	propyl 3-[(dipropylamino)carbonyl]-5-
132	(1R.2S)-2-amino-3-(3.5-difluor	ophenyl)-1-{[(3-
	isopropylbenzyl)amino]methyl	propyl 5-[(dipropylamino)carbonyl]nicotinate
134	(1R,2S)-2-amino-3- $(3,5$ -difluor	ophenyl)-1-[({3-
	[(methylsulfonyl)amino]benzyl	}amino)methyl]propyl 3-
	[(dipropylamino)carbonyl]-5-m	nethylbenzoate
136	(1R 2S)-2-amino-3-(3,5-difluor	ophenyl)-1-{[(3-
150	ethylbenzyl)aminolmethyl}pro	pyl 3-[(butylamino)carbonyl]-5-methylbenzoate
138	(1R.2S)-2-amino-3-(3,5-difluor	ophenyl)-1-({[3-(3-
150	methylbutyl)benzyllamino}me	thyl)propyl 3-[(dipropylamino)carbonyl]-5-
	methylbenzoate	
140	$(1R.2S)$ -2-amino-1-{[(bipheny)]	-3-ylmethyl)amino]methyl}-3-(3,5-
1,0	diffuorophenyl)propyl 3-[(dipro	opylamino)carbonyl]-5-methylbenzoate
142	(1R 2.S)-2-amino-3-(3.5-difluorophenyl)-1-({[1-(3-	
1-72	ethynylphenyl)cyclopropyl]amino}methyl)propyl 3-[(dipropylamino)carbonyl]-	
	5-methylbenzoate	
144	(1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluon	rophenyl)-1-{[(3-
1 7 7	ethylhenzyl)aminolmethyl)pro	pyl 3-[(dipropylamino)carbonyl]-5-({[2-
	(methylamino)ethyl]amino}su	fonyl)benzoate hydrochloride
146	(1R 2.5)-2-amino-3-(3.5-difluo	rophenyl)-1-({[1-(3-isobutylisoxazol-5-
170	vl)cyclopropyllamino\methyl)	propyl 3-[(dipropylamino)carbonyl]-5-
	ethynylbenzoate	F-FJ ((I IJ
148	F	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3-$
140		ethylbenzyl)amino]methyl}propyl 3-
	√ F ·	[(diallylamino)carbonyl]-5-methylbenzoate
	H ₂ N N	The state of the s
		·
150	[1 <i>R</i> ,2 <i>R</i>)-2-amino-3-(3,5-difluorophenyl)-1-({[1	
130		(2-isobutyl-1,3-thiazol-5-
	F V	yl)cyclopropyl]amino}methyl)propyl 3-
	H ₂ N S N S	[(dipropylamino)carbonyl]-5-methylbenzoate
	N. C.	

152	H ₂ N H N OH	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-({[1-(3-ethylphenyl)-1-methylethyl]amino}methyl)propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate
154	HN O ₂ S O ₂ S O ₁ N H ₂ N F	(1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 3-{[(2-hydroxyethyl)amino]sulfonyl}-5-[(propylamino)carbonyl]benzoate
156	F H ₂ N N H	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 3-methyl-5-{[methyl(propyl)amino]carbonyl}benzoate
158	F F HN O HD HD	(1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl <i>N</i> -(phenylsulfonyl)-3-[(1-propylbutyl)sulfonyl]alaninate hydrochloride
160	N O H N F F F	(1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 3-[(diethylamino)carbonyl]-5-(1,3-oxazol-2-yl)benzoate

162	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl N-[(benzylamino)carbonyl]-3-[(1-propylbutyl)sulfonyl]alaninate trifluoroacetate	
164	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-	
	pyridin-3-ylbenzyl)amino]methyl}propyl 3- [(dipropylamino)carbonyl]-5-methylbenzoate	
166	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 5-[(dipropylamino)carbonyl]nicotinate 1-oxide	
168	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-({[3-(3-formyl-2-furyl)benzyl]amino}methyl)propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate	
170	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-(1-methyl-1H-imidazol-2-yl)benzoate	
172	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 3-[(diethylamino)carbonyl]-5-methylbenzoate	
174	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-({[3-(ethylsulfinyl)benzyl]amino}methyl)propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate	
176	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 3-{[butyl(ethyl)amino]sulfonyl}propanoate	
178	(1R,2S)-2-amino-1-{[(3-cyanobenzyl)amino]methyl}-3-(3,5-difluorophenyl)propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate	
180	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 3-[(1-propylbutyl)sulfonyl]propanoate	
182	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 3-{[isobutyl(methyl)amino]carbonyl}-5-methylbenzoate	

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184		
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	H ₂ N N	
	F H N	
	F	
186	F	(1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-pyridin-2-ylbenzyl)amino]methyl}propyl 3-
	H ₂ N F	[(dipropylamino)carbonyl]-5-methylbenzoate
	H H	
	N CO	
188	0, N, N, O	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
		iodobenzyl)amino]methyl}propyl 2-
	H_2N	[(methylsulfonyl)amino]-1,3-oxazole-4-carboxylate
	, F————————————————————————————————————	
190	F	(1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-[({3-
	H ₂ N H	[methyl(methylsulfonyl)amino]benzyl}amino)m ethyl]propyl 3-[(dipropylamino)carbonyl]-5-
	H, N N S	methylbenzoate
	~N~~~	
192		(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
	P,C OH	ethylbenzyl)amino]methyl}propyl N-(3-
		phenylpropanoyl)-3-[(1- propylbutyl)sulfonyl]alaninate trifluoroacetate
	H ₂ N	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
194	(1R,2S)-2-amino-3-(3,5-difluor	
	(ethylsulfonyl)benzyl]amino}methyl)propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate	
196	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-	
	ethylbenzyl)amino]methyl}propyl N-[(5-chloro-2-thienyl)sulfonyl]-3-[(1-propylbutyl)sulfonyl]alaninate hydrochloride	
198	(1R,2S)-1-({[3-(5-acetyl-2-thienyl)benzyl]amino}methyl)-2-amino-3-(3,5-	
200	difluorophenyl)propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-	
	ethylbenzyl)amino]methyl}propyl 3-[(sec-butylamino)carbonyl]-5-	

	methylbenzoate
202	(1R 2S)-2-amino-3-(3 5-difluorophenyl)-1-{[(3-
202	ethylbenzyl)amino]methyl}propyl 3-(1,3-oxazol-2-yl)benzoate hydrochloride
204	$\frac{(1R,2S)-2-\text{amino-3}-(3,5-\text{difluorophenyl})-1-\{[(3-1)^2]\}}{(1R,2S)-2-\text{amino-3}-(3,5-\text{difluorophenyl})-1-\{[(3-1)^2]\}}$
204	ethylbenzyl)amino]methyl}propyl 3-methyl-5-{[methyl(2-
	phenylethyl)amino]carbonyl}benzoate
206	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-({[3-(3,5-dimethylisoxazol-4-
206	yl)benzyl]amino}methyl)propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate
	yl)benzyljamino; methyl)plopyl 3-[(diplopylamino)edisonyl] 5 methyl
208	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl 3-methyl-5-{[methyl(prop-2-yn-1-
	yl)amino]carbonyl}benzoate
210	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3-$
	ethylbenzyl)amino]methyl}propyl 3-{[ethyl(methyl)amino]carbonyl}-5-
	methylbenzoate
212	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3-1)^2, (3+1)^2,$
	{[(dimethylamino)carbonyl]oxy}benzyl)amino]methyl}propyl 3-
	[(dipropylamino)carbonyl]-5-methylbenzoate
214	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3-$
	ethylbenzyl)amino]methyl}propyl 3-{[benzyl(methyl)amino]carbonyl}-5-
	methylbenzoate
216	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl 3-{[sec-butyl(propyl)amino]carbonyl}-5-
	methylbenzoate
218	(1R 2.S)-2-amino-3-(3.5-difluorophenyl)-1-({[3-(4-methyl-2-
	thienyl)benzyl]amino}methyl)propyl 3-[(dipropylamino)carbonyl]-5-
	methylbenzoate
220	(1R 2S)-2-amino-3-(3.5-difluorophenyl)-1-[({3-
	[(methoxycarbonyl)(methyl)amino]benzyl}amino)methyl]propyl 3-
	[(dipropylamino)carbonyl]-5-methylbenzoate
222	$(1R.2S)$ -2-amino-1-($\{[3-(trifluoromethyl)benzyl]amino\}methyl)-3-(2,3,5-$
	trifluorophenyl)propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate
224	(1R 2S)-2-amino-3-(3.5-difluorophenyl)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl 3-[(diisobutylamino)carbonyl]-5-
	methylbenzoate
226	(1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
220	ethylbenzyl)amino]methyl}propyl 3-methyl-5-{[methyl(2-pyridin-2-
	ylethyl)amino]carbonyl}benzoate
228	$(1R,2S)$ -2-amino-3-(3-fluoro-5-hydroxyphenyl)-1-{[(3-
220	methoxybenzyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-
	methylbenzoate hydrochloride
220	(1R,2S)-2-amino-3-(3-chloro-5-fluorophenyl)-1-{[(3-
230	methoxybenzyl)amino]methyl}propyl 3-(aminocarbonyl)-5-
	[(dipropylamino)carbonyl]benzoate
222	$\frac{(\text{dipropylamino})\text{carbonyl periodic}}{(1R,2S)-2-\text{amino-3-}(3,5-\text{difluorophenyl})-1-\{[(3-$
232	iodobenzyl)amino]methyl}propyl 4-hydroxy-3-(pyrrolidin-1-
00.1	ylcarbonyl)benzoate
234	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
1	ethylbenzyl)amino]methyl}propyl 5-oxo-D-prolyl-3-[(1-

	propylbutyl)sulfonyl]alaninate	hydrochloride
236	CF ₃ —SO ₂	
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	H ₂ N , N	
1	-F	
238	F F	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3-$
230		pyridin-4-ylbenzyl)amino]methyl)propyl 3-
	F	[(dipropylamino)carbonyl]-5-methylbenzoate
	H ₁ , N	[(a-p-a-p) amana) and any isonizotte
	H ₂ N H	
240	F	(1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
240		(1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-[({3-
	F H O	[(dimethylamino)sulfonyl]benzyl}amino)methyl]propyl 3-[(dipropylamino)carbonyl]-5-
	H ₂ N N N N	methylbenzoate
	H 6 H 0 /	mony room out
	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	
242	(1R,2S)-2-amino-3-(3,5-difluor	ophenyl)-1-{[(6-methoxy-1,2,3,4-
	tetrahydronaphthalen-1-yl)amii	no]methyl}propyl 3-[(dipropylamino)carbonyl]-5-
244	methylbenzoate	
244	(1R,2S)-2-amino-3- $(3,5$ -difluor	ophenyl)-1-{[(3-
	ethylbenzyl)amino]methyl)proj	pyl N-(phenylacetyl)-3-[(1-
246	propylbutyl)sulfonyl]alaninate (1R,2S)-2-amino-3-(3,5-difluor	onhonyd) 1 (f/2
2-10	ethylbenzyl)aminolmethyl\proj	ophenyi)-1-{[(3- byl 3-(azepan-1-ylcarbonyl)-5-methylbenzoate
248	(1R,2S)-2-amino-3- $(3,5$ -difluor	ophenyl)-1-[(/3-
	[(methoxycarbonyl)amino]benz	vl}amino)methyllpropyl 3-
	[(dipropylamino)carbonyl]-5-m	ethylbenzoate
250	(1R,2S)-2-amino-3- $(3,5$ -difluored)	ophenyl)-1-{[(3-
ĺ	ethylbenzyl)amino]methyl}proj	pyl 5-oxo-L-prolyl-3-[(1-
	propylbutyl)sulfonyl]alaninate l	nydrochloride
252	(1R,2S)-2-amino-3-(3,5-difluore	ophenyl)-1-{[(3-
	ethylbenzyl)amino]methyl}prop	yl 3-[(isobutylamino)carbonyl]-5-
254	methylbenzoate $4-[((1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-\{[(3-amino-3-(3,5-difluorophenyl)-1-(3-amino-3$	
234		
	ethylbenzyl)amino]methyl}prop propylbutyl)sulfonyl]methyl}bu	091)0Xy]-4-0X0-5-{[(1-
256	(1R,2S)-2-amino-3- $(3,5$ -difluoro	onbenyl) 1. [[(2
	ethylbenzyl)aminolmethyl\nror	byl 3-[methyl(methylsulfonyl)amino]benzoate
25	N-[(2R,3S)-3-amino-4-(3.5-diffu	orophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-
	5-{[(2-hydroxyethyl)aminolsulf	Sonyl}-N',N'-dipropylisophthalamide
27	N-[(2R,3S)-3-amino-4-(3,5-diffu	norophenyl)-2-hydroxybutyl]-5-ethynyl-N-[(2-
		2

	isobutyl-1,3-thiazol-5-yl)methyl]-N',N'-dipropylisophthalamide	
29	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-ethynyl-N-(3-	
_,	isopropylbenzyl)-N',N'-dipropylisophthalamide	
31	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-bydroxybutyl)	
-	isopropylbenzyl)-5-(1,3-oxazol-2-yl)-N',N'-dipropylisophthalamide	
33	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-	
	5-{[(2-hydroxy-1,1-dimethylethyl)amino]sulfonyl}-N',N'-	
	dipropylisophthalamide	
35	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-	
	5-(4-methyl-1,3-oxazol-2-yl)-N,N-dipropylisophthalamide	
37	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-[(2-isobutyl-1,3-isob	
	thiazol-5-yl)methyl]-5-(1,3-oxazol-2-yl)-N',N'-dipropylisophthalamide	
39	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-	
	5-{[(3-hydroxypropyl)amino]sulfonyl}-N',N'-dipropylisophthalamide	
	hydrochloride	
41	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-methyl- $N-N-1$	
	dipropyl-N-(3-propylbenzyl)isophthalamide	
43	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-butyl-N-(3-buty	
	ethylbenzyl)-N',5-dimethylisophthalamide	
45	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-ethynyl-N-(3-	
	ethynylbenzyl)-N',N'-dipropylisophthalamide	
47	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-ethynyl-N-[(3-4)-1]-1-2-hydroxybutyl]	
	isobutylisoxazol-5-yl)methyl]-N',N'-dipropylisophthalamide	
49	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-	
	[(dimethylamino)sulfonyl]-N-(3-ethylbenzyl)-N',N'-dipropylisophthalamide	
51	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-	
	5-(1,3-oxazol-2-yl)-N',N'-dipropylisophthalamide hydrochloride	
53	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-[3-(5-formyl-2-	
	thienyl)benzyl]-5-methyl-N',N'-dipropylisophthalamide	
55	N-[(2 R ,3 S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-bromo- N -	
	iodobenzyl)-N',N'-dipropylisophthalamide	
57	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-	
	$5-(\{[(1R)-2-hydroxy-1-methylethyl]amino\}$ sulfonyl)- N',N' -	
	dipropylisophthalamide	
59	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-byllow)	
	isobutylbenzyl)-5-methyl-N',N'-dipropylisophthalamide	
61	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-ethynyl-N',N'-	
	dipropyl-N-[3-(trifluoromethyl)benzyl]isophthalamide	
63	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-	
	3-{[(2R)-2-(methoxymethyl)pyrrolidin-1-yl]carbonyl}-5-methylbenzamide	
	hydrochloride	
65	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-	
	5-({[(1S)-2-hydroxy-1-methylethyl]amino}sulfonyl)-N',N'-	
(7	dipropylisophthalamide	
67	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-butyl-N-(3-	
60	ethylbenzyl)-5-methyl-N'-propylisophthalamide	
69	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N',N'-dibutyl-N-(3-	
1	ethylbenzyl)-5-methylisophthalamide	

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71	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-[3-(3-difluorophenyl)-2-hydroxybutyl]		
	hydroxyprop-1-vn-1-yl)benzyl]-5-methyl-N',N'-dipropylisophthalamide		
73	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-		
	5-{[(2S)-2-(hydroxymethyl)pyrrolidin-1-yl]sulfonyl}-N',N'-		
	dipropylisophthalamide		
75	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N'-butyl-N'-ethyl-		
	N-(3-ethylbenzyl)-5-methylisophthalamide		
77	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-		
	ethynylbenzyl)-5-(1,3-oxazol-2-yl)-N',N'-dipropylisophthalamide		
79	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N'-cyclohexyl-N-		
	(3-ethylbenzyl)-N',5-dimethylisophthalamide		
81	N-[(2 R ,3 S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- N -[3-		
	(cyclopropylamino)benzyl]-5-ethynyl-N'.N'-dipropylisophthalamide		
83	N-[(2 R ,3 S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-methyl- N , N -		
	dipropyl-N-[3-(3-thienyl)benzyl]isophthalamide		
85	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-(1,3-oxazol-2-		
	yl)-N',N'-dipropyl-N-[3-(trifluoromethyl)benzyl]isophthalamide		
87	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyll-N-(3-ethylhenzyl)-		
	5-(piperazin-1-ylsulfonyl)-N',N'-dipropylisophthalamide dihydrochloride		
89	N-1(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyll- $N-11-(3-1)$		
	iodophenyl)cyclopropyl]-5-methyl-N',N'-dipropylisophthalamide		
91	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-sec-		
	butylbenzyl)-5-methyl-N',N'-dipropylisophthalamide		
93	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-		
	3-(3-methylisoxazol-4-yl)-N',N'-dipropylisophthalamide hydrochloride		
95	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-[]-(3-		
	isobutylisoxazol-5-yl)cyclopropyl]-5-(1,3-oxazol-2-yl)-N',N'-		
	dipropylisophthalamide		
97	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-[1-(3-		
	ethylphenyl)cyclopropyl[-5-(1,3-oxazol-2-yl)-N'.N'-dipropylisophthalamide		
99	$N = [(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N^4-(3-4)$		
	ethylbenzyl)-6-methyl-N ² ,N ² -dipropylpyridine-2,4-dicarboxamide		
101	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N'-		
100	(cyclopropylmethyl)-N-(3-ethylbenzyl)-5-methyl-N-propylisophthalamide		
103	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-		
	methoxybenzyl)-5-(1,3-oxazol-2-yl)-N',N'-dipropylisophthalamide		
105	N-[(2 R ,3 S)-3-amino-4-(3,5-difluorophenyl)-2-		
	hydroxybutyl]-N-[1-(3-		
	ethynylphenyl)cyclopropyl]-5-(1,3-oxazol-2-yl)-		
	H ₂ N H ₂ N O N',N'-dipropylisophthalamide		
	H" N		
	OH		
	0 1		

107	O N	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-(aminosulfonyl)-N-(3-ethylbenzyl)-N',N'-dipropylisophthalamide
	OH SO ₂	
	F	
109	FH ₂ N H _H	N -[(2 R ,3 S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-methyl- N -{3-[(1 Z)-prop-1-en-1-yl]benzyl}- N ', N '-dipropylisophthalamide
111	N-H	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N',N'-dipropyl-5-(1H-pyrazol-4-yl)isophthalamide dihydrochloride
	F 2 HCI	
113	H ₂ N N	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-[1-(3-ethylphenyl)-1-methylethyl]-5-ethynyl-N',N'-dipropylisophthalamide
	F H	
115	F F F F F F F F F F F F F F F F F F F	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-methyl-N',N'-dipropyl-N-[3-(trifluoromethyl)benzyl]isophthalamide
117	F-F H ₂ N N N N	N-(3-allylbenzyl)-N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-methyl-N',N'-dipropylisophthalamide
	<i>"</i>	

110		
119	N-[(2 R ,3 S)-3-amino-4-(3,5-difluorophenyl)-2-	
	hydroxybutyl]-N-[1-(3-	
	ethylphenyl)cyclopropyl]-5-methyl-N',N'-	
	H ₂ N dipropylisophthalamide	
	HO N	
	// · · · · · · · · · · · · · · · · · ·	
121	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-[1-(3-bydroxybutyl]-N-[1-(
100	ethylphenyl)-1-methylethyl]-5-(1,3-oxazol-2-yl)-N',N'-dipropylisophthalamide	
123	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N'-ethyl-N-(3-bydroxybutyl)	
105	ethylbenzyl)-5-methyl-N'-propylisophthalamide	
125	N-[(2 R ,3 S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- N -[3-	
105	(cyclopropylamino)benzyl]-5-methyl-N',N'-dipropylisophthalamide	
127	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-ethynyl- $N-[1-(3-4)]$	
100	ethynylphenyl)cyclopropyl]-N,N-dipropylisophthalamide	
129	N-[(2 R ,3 S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- N -[1-(3-in-land)-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	
131	isobutylisoxazol-5-yl)cyclopropyl]-5-methyl-N',N'-dipropylisophthalamide	
131	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-[3-(5-formyl-4-	
	methyl-2-thienyl)benzyl]-5-methyl-N',N'-dipropylisophthalamide	
133	N-[(2 R ,3 S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- N -(3-	
	isopropylbenzyl)-N',N'-dipropylpyridine-3,5-dicarboxamide	
135	$N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-methyl-N-\{3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]$	
	[(methylsulfonyl)amino]benzyl}-N',N'-dipropylisophthalamide	
137	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N'-butyl-N-(3-	
	ethylbenzyl)-5-methylisophthalamide	
139	N-[(2 R ,3 S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-methyl- N -[3-(3-	
1 41	methylbutyl)benzyl]-N',N'-dipropylisophthalamide	
141	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(biphenyl-3-	
143	ylmethyl)-5-methyl-N',N'-dipropylisophthalamide	
143	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-[1-(3-	
145	ethynylphenyl)cyclopropyl]-5-methyl-N',N'-dipropylisophthalamide	
145	$N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-5-({[2-(methylamino)ethyl]amino}sulfonyl)-N',N'-dipropylisophthalamide$	
	hydrochloride	
147	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-ethynyl- $N-[1-(3-1)]$	
1 . ,	isobutylisoxazol-5-yl)cyclopropyl]-N',N'-dipropylisophthalamide	
149	N_{N} -diallyl- N' -[(2 R_{1} 3 S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- N' -(3-	
	ethylbenzyl)-5-methylisophthalamide	
151	N-[(2R,3R)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-[1-(2-isobutyl-	
	1,3-thiazol-5-yl)cyclopropyl]-5-methyl-N',N'-dipropylisophthalamide	
153	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-[1-(3-	
	ethylphenyl)-1-methylethyl]-5-methyl-N',N'-dipropylisophthalamide	
155	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-	
	5-{[(2-hydroxyethyl)amino]sulfonyl}-N'-propylisophthalamide	
157	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-	
	N',5-dimethyl-N'-propylisophthalamide	
159	N^1 -[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- N^1 -(3-	
<u>-</u>	ethylbenzyl)-N ² -(phenylsulfonyl)-3-[(1-propylbutyl)sulfonyl]alaninamide	

 -	hydrochloride		
161	$N_{-1}(2R,3S)$ -3-amino-4-(3.5-diflu	orophenyl)-2-hydroxybutyl]-N',N'-diethyl-N-(3-	
101	$\frac{1}{2}$ ethylhengyl)-5-(1.3-0xazol-2-vl)	oisophthalamide	
163	N^{1} -[(2R 3.S)-3-amino-4-(3.5-difl	uorophenyl)-2-hydroxybutyl]-N ² -	
103	[(benzylamino)carbonyl]-N ¹ -(3-	ethylbenzyl)-3-[(1-	
	propylbutyl)sulfonyllalaninamic	le trifluoroacetate (salt)	
165	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-methyl- N' , N' -		
103	dipropyl-N-(3-pyridin-3-ylbenzy	vl)isophthalamide	
167	dipropyl- <i>N</i> -(3-pyridin-3-ylbenzyl)isophthalamide <i>N</i> -[(2 <i>R</i> ,3 <i>S</i>)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- <i>N</i> -(3-ethylbenzyl)-		
107	N' N'-dipropylnyridine-3.5-dicat	boxamide 1-oxide	
169	$N_{\rm I}(2R,3S)$ -3-amino-4-(3,5-diflu	porophenyl)-2-hydroxybutyl]-N'-ethyl-N-[3-(3-	
109	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N'-ethyl-N-[3-(3-formyl-2-furyl)benzyl]-5-methyl-N'-propylisophthalamide		
171	$N = 10 \text{ Myr}^2 - 2 \text{ Myr}^2 + 2 \text{ Myr}^2 - 2 \text{ Myr}$	norophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-	
1/1	5-(1-methyl-1H-imidazol-2-yl)-	N'.N'-dipropylisophthalamide	
173	$N_{-}(2R,3S)=3-amino-4-(3,5-diff)$	norophenyl)-2-hydroxybutyl]-N',N'-diethyl-N-(3-	
173	ethylbenzyl)-5-methylisophthal	amide	
175	$\lambda = (2R \cdot 3.5) - 3 - 3 - 3 - 3 - 3 - 4 - (3.5 - 4)$	uorophenyl)-2-hydroxybutyl]-N-[3-	
173	(ethylsulfinyl)benzyl]-5-methyl	-N'.N'-dipropylisophthalamide	
177	$N_{-1}(2R, 3.5) = 3 = amino = 4 = (3.5 = diff)$	norophenyl)-2-hydroxybutyl]-3-	
1 / /	{[butyl(ethyl)amino]sulfonyl}-	V-(3-ethylbenzyl)propanamide	
179	$N_{-}(2R,3S)$ -3-amino-4-(3,5-diff	uorophenyl)-2-hydroxybutyl]-N-(3-cyanobenzyl)-	
173	5-methyl-N',N'-dipropylisophth	alamide	
181	$N_{-1}(2R,3.9)$ -3-amino-4-(3.5-diff	uorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-	
101	3-[(1-propylbutyl)sulfonyl]prop	panamide hydrochloride	
183	N-[(2R,3S)-3-amino-4-(3.5-diff)]	uorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-	
105	N'-isobutyl-N',5-dimethylisopht	halamide	
185		-	
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	H OH	•	
	0		
	H N		
	F		
		•	
187		N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-	
	The state of the s	hydroxybutyl]-5-methyl-N',N'-dipropyl-N-(3-	
	F	pyridin-2-ylbenzyl)isophthalamide	
1	H ₁₁₁₁		
	H ₂ N N N		
	OH N		

189	0 11 N N O HO!: N N O HO!: N N N N N N N N N N N N N N N N N N N	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-iodobenzyl)-2-[(methylsulfonyl)amino]-1,3-oxazole-4-carboxamide
191	F H ₂ N H N N N N N N N N N N N N N N N N N N	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-methyl-N-{3-[methyl(methylsulfonyl)amino]benzyl}-N',N'-dipropylisophthalamide
193	ON ON PAC OH	N^1 -[(2 R ,3 S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- N^1 -(3-ethylbenzyl)- N^2 -(3-phenylpropanoyl)-3-[(1-propylbutyl)sulfonyl]alaninamide trifluoroacetate (salt)
195	F O=S=O FH ₂ N H OH ON O	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-[3-(ethylsulfonyl)benzyl]-5-methyl-N',N'-dipropylisophthalamide
197	O2 S S CI HO N HCI H2N N F	N^1 -[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- N^2 -[(5-chloro-2-thienyl)sulfonyl]- N^1 -(3-ethylbenzyl)-3-[(1-propylbutyl)sulfonyl]alaninamide hydrochloride
199	N-[3-(5-acetyl-2-thienyl)benzyl hydroxybutyl]-5-methyl-N,N-c]-N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
201	N-[(2 R ,3 S)-3-amino-4-(3,5-diflection) N -[(3-ethylbenzyl)-5-methylisopht	uorophenyl)-2-hydroxybutyl]- <i>N</i> '-(sec-butyl)- <i>N</i> -halamide
203	N-[(2R,3S)-3-amino-4-(3,5-difle 3-(1,3-oxazol-2-yl)benzamide h	uorophenyl)-2-hydroxybutyll-N-(3-ethylbenzyl)-

205	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-
	N',5-dimethyl-N-(2-phenylethyl)isophthalamide
207	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-[3-(3,5-difluorophenyl)-2-hydroxybutyl]
	dimethylisoxazol-4-yl)benzyl]-5-methyl-N',N'-dipropylisophthalamide
209	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-
	N',5-dimethyl-N'-prop-2-yn-1-ylisophthalamide
211	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N'-ethyl-N-(3-
	ethylbenzyl)-N',5-dimethylisophthalamide
213	3-[((2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl)]
	[(dipropylamino)carbonyl]-5-methylbenzoyl}amino)methyl]phenyl
	dimethylcarbamate
215	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N'-benzyl-N-(3-
213	ethylbenzyl)-N',5-dimethylisophthalamide
217	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(sec-butyl)-N-
21/	(3-ethylbenzyl)-5-methyl-N'-propylisophthalamide
219	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-methyl- $N-[3-(4-2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]$
219	methyl-2-thienyl)benzyl]-N',N'-dipropylisophthalamide
221	methyl $\{3-[([(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]\}$
221	[(dipropylamino)carbonyl]-5-
	methylbenzoyl}amino)methyl]phenyl}methylcarbamate
000	methyloenzoyi}ammojmethylphenyi}methylcaroamate
223	N-[(2R,3S)-3-amino-2-hydroxy-4-(2,3,5-trifluorophenyl)butyl]-5-methyl-N',N'-
	dipropyl-N-[3-(trifluoromethyl)benzyl]isophthalamide
225	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-
	N,N'-diisobutyl-5-methylisophthalamide
227	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-
	N,5-dimethyl-N-(2-pyridin-2-ylethyl)isophthalamide
229	N-[(2R,3S)-3-amino-4-(3-fluoro-5-hydroxyphenyl)-2-hydroxybutyl]-N-(3-
	methoxybenzyl)-5-methyl-N',N'-dipropylisophthalamide hydrochloride
231	N^1 -[(2R,3S)-3-amino-4-(3-chloro-5-fluorophenyl)-2-hydroxybutyl]- N^1 -(3-
	methoxybenzyl)-N ³ ,N ³ -dipropylbenzene-1,3,5-tricarboxamide
233	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-4-hydroxy- $N-(3-k)$
	iodobenzyl)-3-(pyrrolidin-1-ylcarbonyl)benzamide
235	5 -oxo-D-prolyl- N^1 -[(2 R ,3 S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-
	N ¹ -(3-ethylbenzyl)-3-[(1-propylbutyl)sulfonyl]alaninamide hydrochloride
237	HO NH F3C
	$F \stackrel{H_2N}{\longrightarrow} N \qquad O_2$
	F
	J 115(2 D 2 M 2 1 1 1 1 2 1 1 1 1 2 1 1 2 1 1 1 1
239	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
	hydroxybutyl]-5-methyl-N',N'-dipropyl-N-(3-
	pyridin-4-ylbenzyl)isophthalamide
	F N
	H ₂ N N N N N N N N N N N N N N N N N N N
1	H OH

241	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
}	$hydroxybutyl]-N-\{3-$
	[(dimethylamino)sulfonyl]benzyl}-5-methyl-
	N,N-dipropylisophthalamide
	H_2N
	H NH NA
243	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
i	hydroxybutyl]-N-(6-methoxy-1,2,3,4-
	tetrahydronaphthalen-1-yl)-5-methyl-N',N'-
	dipropylisophthalamide
	H ₀ N J N,
245	N^{1} -[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- N^{1} -(3-
	ethylbenzyl)- N^2 -(phenylacetyl)-3-[(1-propylbutyl)sulfonyl]alaninamide
247	N-[(2 R ,3 S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-(azepan-1-
	ylcarbonyl)-N-(3-ethylbenzyl)-5-methylbenzamide
249	methyl $\{3-[((2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl)\}$
	[(dipropylamino)carbonyl]-5-methylbenzoyl}amino)methyllphenyl}carbamate
251	5 -oxo-L-prolyl- N^{1} - $[(2R,3S)$ -3-amino-4- $(3,5$ -difluorophenyl)-2-hydroxybutyl]-
	N'-(3-ethylbenzyl)-3-[(1-propylbutyl)sulfonyl]alaninamide hydrochloride
253	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-
	N-isobutyl-5-methylisophthalamide
255	4-[[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl](3-
	ethylbenzyl)amino]-4-oxo-3-{[(1-propylbutyl)sulfonyl]methyl}butanoic acid
	trifluoroacetate (salt)
257	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-
2.50	3-[methyl(methylsulfonyl)amino]benzamide
258	(1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl 3-{[ethyl(isopropyl)amino]carbonyl}-5-
260	methylbenzoate
200	(1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-(2-thienyl)propyl 3-
262	[(dipropylamino)carbonyl]-5-methylbenzoate
202	(1R,2S)-2-amino-3-(3,5-difluórophenyl)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl 3-{[(2-
264	hydroxyethyl)(propyl)amino]sulfonyl}propanoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
207	
	ethylbenzyl)amino]methyl}propyl 3-{[isopropyl(methyl)amino]carbonyl}-5-methylbenzoate
266	(1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl 2-[(methylsulfonyl)amino]-1,3-thiazole-4-
	carboxylate
268	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3-$
	ethylbenzyl)amino]methyl}propyl 3-{[allyl(cyclopentyl)amino]carbonyl}-5-
	methylbenzoate ([amj-(ojosopomiji)ammojemosniji)

270	NH NH H ₂ N = F CF ₃	
272	H ₂ N P	(1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 3-[(3-methylbutyl)sulfonyl]propanoate
274	H ₂ N H S	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-({[3-(5-methyl-2-thienyl)benzyl]amino}methyl)propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate
276	H ₂ N O O NH ₂	(1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-(3-methoxyphenyl)propyl 3-(aminocarbonyl)-5-[(dipropylamino)carbonyl]benzoate
278	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(1-methylhexyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate	
280	difluorophenyl)propyl 3-[(dipr	ocarbonyl)cyclohexyl]amino}methyl)-3-(3,5- opylamino)carbonyl]-5-methylbenzoate
282	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(2E)-hex-2-en-1-ylamino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate	
284	(1R,2S)-2-amino-3-(4-fluorophenyl)-1-{[(3-methoxybenzyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate	
286	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 3-hydroxyisoxazole-5-carboxylate	
288	(1R.2S)-2-amino-3-(3,5-difluo	rophenyl)-1-[({3-[(1E)-hex-1-en-1-yl 3-[(dipropylamino)carbonyl]-5-methylbenzoate

290	(10000 2 - : 2 (2 5 1)0	1 1) 4 (5/2	
290	(1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-diflu	orophenyl)-1-{[(3-	
	einylbenzyl)aminojmethyl}pi	ropyl 3-[(isopropylamino)carbonyl]-5-	
202	methylbenzoate		
292	(1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-(2-thienyl)propyl 3-		
204	(aminocarbonyl)-5-[(dipropylamino)carbonyl]benzoate		
294	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3-1)^2,(3-1)$		
206	10dobenzyl)aminojmethyl}pro	opyl [3-(2-amino-2-oxoethoxy)phenyl]acetate	
296	(1R,2S)-2-amino-3-(3-bromophenyl)-1-{[(3-		
	methoxybenzyl)aminojmethy	l}propyl 3-[(dipropylamino)carbonyl]-5-	
200	methylbenzoate		
298	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(2-ethylhexyl)amino]methy		
200	3-[(dipropylamino)carbonyl]-	5-methylbenzoate	
300	(1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluo	prophenyl)-1-({[3-(6-methoxypyridin-3-	
302	yl)benzyljamino{methyl)prop	yl 3-[(dipropylamino)carbonyl]-5-methylbenzoate	
302	(1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-diffuc	prophenyl)-1-({[3-(2,4-dimethoxypyrimidin-5-	
304	yl)benzyljamino{metnyl)prop	yl 3-[(dipropylamino)carbonyl]-5-methylbenzoate	
304	(1R,2S)-2-amino-3-(3,5-difluctively)	prophenyl)-1-{[(3-	
306	(1R,2S)-2-amino-3- $(3,5$ -difluo	opyl 3-(2-ethylbutanoyl)benzoate	
300	ethylbenzyl)aminolmethyl)ne	oropneny()-1-{[(3-	
	methylbenzoate	opyl 3-[(4-hydroxypiperidin-1-yl)carbonyl]-5-	
308	(1R,2S)-2-amino-3-(3-bromop	hanv1) 1 ([/2	
	methoxybenzyl)amino]methyl	Incliding 1-1-{[(3-	
	[(dipropylamino)carbonyl]ben	70ate	
310	(1R,2S)-2-amino-3- $(3,5$ -difluo		
	iodobenzyl)aminolmethyl}pro	pyl 4-[2'-(aminocarbonyl)biphenyl-4-yl]-4-	
	oxobutanoate	Py: · [2 (ammodaroonyr)orphonyr-4-yr]-4-	
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	(N)		
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	H ₂ N		
314	F	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3-$	
	-[]	ethylbenzyl)amino]methyl}propyl 3-[(3-	
	H NH	hydroxypiperidin-1-yl)carbonyl]-5-	
	H.N	methylbenzoate	
	_ H,,, PH		
	OH Y		
	_ <u> </u>		

316	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-hydroxy-1-phenylpropyl)amino]methyl} propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate		
318	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 3-{[[2-(dimethylamino)ethyl](ethyl)amino]carbonyl}-5-methylbenzoate		
320	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 4-methyl-4H,6H-pyrrolo[1,2-a][4,1]benzoxazepine-4-carboxylate		
322	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl (5-acetyl-2-thienyl)acetate		
324	(1R,2S)-2-amino-3-(3,5-dichlorophenyl)-1-{[(3-methoxybenzyl)amino]methyl}propyl 3-(aminocarbonyl)-5- [(dipropylamino)carbonyl]benzoate		
326	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 3-[(diisopropylamino)carbonyl]-5-methylbenzoate		
328	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 3-[(methylsulfonyl)amino]benzoate		
330	(1R,2S)-2-amino-3-(4-chlorophenyl)-1-{[(3-methoxybenzyl)amino]methyl}propyl 3-(aminocarbonyl)-5- [(dipropylamino)carbonyl]benzoate		
332	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-iodobenzyl)amino]methyl}propyl [4-(2-oxopyrrolidin-1-yl)phenyl]acetate		
334	(1R,2S)-2-amino-3-(3-chloro-5-fluorophenyl)-1-{[(3-methoxybenzyl)amino]methyl}propyl 3-[(dipropylamino)sulfonyl]propanoate		
336	(1R,2S)-2-amino-3-(3-chloro-5-fluorophenyl)-1-{[(3-methylbutyl)amino]methyl} propyl 3-(aminocarbonyl)-5- [(dipropylamino)carbonyl]benzoate		

340 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 3-{{(1-methyl-1H-imidazol-4-y)sulfonyl]amino]benzoate trihydrochloride 342 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(pentylamino)methyl]propyl 3-{(dipropylamino]-3-(fluorophenyl)-1-{[(pentylamino)methyl]propyl 3-{(dipropylamino]-3-(fluorophenyl)-1-{[(3-methoxybenzyl)amino]methyl]propyl 3-(aminocarbonyl)-5-[(dipropylamino]-1-{[(benzylamino)methyl]-3-(3-chloro-5-fluorophenyl)propyl 3-{(dipropylamino]-3-(3,5-difluorophenyl)-1-{{([3-ethylbenzyl)amino]methyl]propyl 3-{(loyclohexyl(ethyl)amino]carbonyl}-5-methylbenzoate 348 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{{[(2-({[2,4-difluorophenyl)amino]carbonyl}-5-methylbenzoate 350 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{{[(2-({[2,4-difluorophenyl)amino]carbonyl}-5-methylbenzoate 352 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{{[(3-methoxybenzyl)amino]methyl}propyl 3-{{([2S)-2-(methoxymethyl)pyrrolidin-1-y)lcarbonyl}-5-methylbenzoate hydrochloride 354 (1R,2S)-2-amino-3-(3-bromophenyl)-1-{{([3-methoxybenzyl)amino]methyl}propyl 3-{aminocarbonyl}-5-{(dipropylamino)carbonyl}phenzoate 365 (1R,2S)-2-amino-3-(3-bromophenyl)-1-{{([3-methylbutyl)amino]methyl}propyl 3-{aminocarbonyl}-5-{chybroxybenzyl)amino]methyl}propyl 3-{aminocarbonyl}-5-{chybroxybenzyl)amino]methyl}propyl 3-{diminocarbonyl}-5-{methylbenzoate 366 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{{([3-methylbutyl)amino]methyl}propyl 3-{dipropylamino)carbonyl}-5-methylbenzoate 367 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{{([3-methylbutyl)amino)carbonyl}-5-methylbenzoate 368 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{{([3-methylbutyl)amino)carbonyl}-5-methylbenzoate 369 (1R,2S)-2-amino-3-{(3,5-difluorophenyl)-1-{{([3-methylbutyl)amino)carbonyl}-5-methylbenzoate 360 (1R,2S)-2-amino-3-{(3,5-difluorophenyl)-1-{{([4-phyloxyl-1,1-dimethylbyl)amino]methyl}-5-methylbenzoate 360 (1R,2S)-2-amino-3-{(3,5-difluorophenyl)-1-{{([4-phyloxyl-1,1-dimethylbyl)amino]methyl}-5-methylbenzoate 361 (1R,2S)-2-amino-3-{(3,5-difluorophenyl)-1-{{([4-phyloxyl-1,1-di	000		
340 (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzy)]amino]methyl]propyl 3-{[(1-methyl-1 <i>H</i> -imidazo]-4-yl)sulfonyl]amino]benzoate trihydrochloride 342 (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{[(pentylamino)methyl]propyl 3-{(dipropylamino)carbonyl]-5-methylbenzoate 344 (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(4-fluorophenyl)-1-{[(3-methoxybenzyl)amino]methyl]propyl 3-{(dipropylamino)carbonyl]benzoate 346 (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3-f-difluorophenyl)-1-{{(3-ethylbenzoate)}}-5-methylbenzoate 348 (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3-f-difluorophenyl)-1-{{(3-ethylbenzyl)amino]carbonyl]-5-methylbenzoate 350 (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{{(2-({[(2,4-difluorophenyl)amino]carbonyl]-5-methylbenzoate}}-1-{((1,2,2)-2-amino-3-(3,5-difluorophenyl)-1-{{(3-ethylbenzyl)amino]methyl}propyl 3-{{((1,2,2)-2-amino-3-(3,5-difluorophenyl)-1-{{(3-ethylbenzyl)amino]methyl}propyl 3-{{((1,2,2)-2-amino-3-(3,5-difluorophenyl)-1-{{(3-ethylbenzyl)amino]methyl}propyl 3-{((1,2,2)-2-amino-3-(3,5-difluorophenyl)-1-{{(3-methoxybenzyl)amino]methyl}propyl 3-{((1,2,2)-2-amino-3-(3,5-difluorophenyl)-1-{{(3-methoxybenzyl)amino]methyl}propyl 3-{(methoxybenzyl)amino]methyl}propyl 3-{(methoxybenzyl)amino]methyl}propyl 3-{(methoxybenzyl)amino]methyl}propyl 3-{(methoxybenzyl)amino]methyl}propyl 3-{(methoxybenzyl)amino]methyl}propyl 3-{(dipropylamino)carbonyl]-5-methylbenzoate} 358 (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{{(3-methylburl)amino]methyl}propyl 3-{(dipropylamino)carbonyl]-5-methylbenzoate} 360 (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{{(3-methylburl)amino]methyl}propyl 3-{(dipropylamino)carbonyl]-5-methylbenzoate} 361 (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{{(3-methylbenzyl)amino]methyl}propyl 3-{(dipropylamino)carbonyl]-5-methylbenzoate} 362 (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{{(1-methylbenzyl)amino]methyl}propyl 3-{(1-propylbutyl)sulfonyl)propanoate} 363 (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{{(1-methylbenzyl)amino]methyl}propyl 3-{(1-methylbenzyl)amino]methyl}propyl 3-{(1-methylbenzyl)amino)carbonyl]-	338		
340 (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzy)]amino]methyl]propyl 3-{[(1-methyl-1 <i>H</i> -imidazo]-4-yl)sulfonyl]amino]benzoate trihydrochloride 342 (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{[(pentylamino)methyl]propyl 3-{(dipropylamino)carbonyl]-5-methylbenzoate 344 (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(4-fluorophenyl)-1-{[(3-methoxybenzyl)amino]methyl]propyl 3-{(dipropylamino)carbonyl]benzoate 346 (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3-f-difluorophenyl)-1-{{(3-ethylbenzoate)}}-5-methylbenzoate 348 (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3-f-difluorophenyl)-1-{{(3-ethylbenzyl)amino]carbonyl]-5-methylbenzoate 350 (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{{(2-({[(2,4-difluorophenyl)amino]carbonyl]-5-methylbenzoate}}-1-{((1,2,2)-2-amino-3-(3,5-difluorophenyl)-1-{{(3-ethylbenzyl)amino]methyl}propyl 3-{{((1,2,2)-2-amino-3-(3,5-difluorophenyl)-1-{{(3-ethylbenzyl)amino]methyl}propyl 3-{{((1,2,2)-2-amino-3-(3,5-difluorophenyl)-1-{{(3-ethylbenzyl)amino]methyl}propyl 3-{((1,2,2)-2-amino-3-(3,5-difluorophenyl)-1-{{(3-methoxybenzyl)amino]methyl}propyl 3-{((1,2,2)-2-amino-3-(3,5-difluorophenyl)-1-{{(3-methoxybenzyl)amino]methyl}propyl 3-{(methoxybenzyl)amino]methyl}propyl 3-{(methoxybenzyl)amino]methyl}propyl 3-{(methoxybenzyl)amino]methyl}propyl 3-{(methoxybenzyl)amino]methyl}propyl 3-{(methoxybenzyl)amino]methyl}propyl 3-{(dipropylamino)carbonyl]-5-methylbenzoate} 358 (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{{(3-methylburl)amino]methyl}propyl 3-{(dipropylamino)carbonyl]-5-methylbenzoate} 360 (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{{(3-methylburl)amino]methyl}propyl 3-{(dipropylamino)carbonyl]-5-methylbenzoate} 361 (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{{(3-methylbenzyl)amino]methyl}propyl 3-{(dipropylamino)carbonyl]-5-methylbenzoate} 362 (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{{(1-methylbenzyl)amino]methyl}propyl 3-{(1-propylbutyl)sulfonyl)propanoate} 363 (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{{(1-methylbenzyl)amino]methyl}propyl 3-{(1-methylbenzyl)amino]methyl}propyl 3-{(1-methylbenzyl)amino)carbonyl]-	-		
340 (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzy)]amino]methyl]propyl 3-{[(1-methyl-1 <i>H</i> -imidazo]-4-yl)sulfonyl]amino]benzoate trihydrochloride 342 (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{[(pentylamino)methyl]propyl 3-{(dipropylamino)carbonyl]-5-methylbenzoate 344 (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(4-fluorophenyl)-1-{[(3-methoxybenzyl)amino]methyl]propyl 3-{(dipropylamino)carbonyl]benzoate 346 (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3-f-difluorophenyl)-1-{{(3-ethylbenzoate)}}-5-methylbenzoate 348 (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3-f-difluorophenyl)-1-{{(3-ethylbenzyl)amino]carbonyl]-5-methylbenzoate 350 (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{{(2-({[(2,4-difluorophenyl)amino]carbonyl]-5-methylbenzoate}}-1-{((1,2,2)-2-amino-3-(3,5-difluorophenyl)-1-{{(3-ethylbenzyl)amino]methyl}propyl 3-{{((1,2,2)-2-amino-3-(3,5-difluorophenyl)-1-{{(3-ethylbenzyl)amino]methyl}propyl 3-{{((1,2,2)-2-amino-3-(3,5-difluorophenyl)-1-{{(3-ethylbenzyl)amino]methyl}propyl 3-{((1,2,2)-2-amino-3-(3,5-difluorophenyl)-1-{{(3-methoxybenzyl)amino]methyl}propyl 3-{((1,2,2)-2-amino-3-(3,5-difluorophenyl)-1-{{(3-methoxybenzyl)amino]methyl}propyl 3-{(methoxybenzyl)amino]methyl}propyl 3-{(methoxybenzyl)amino]methyl}propyl 3-{(methoxybenzyl)amino]methyl}propyl 3-{(methoxybenzyl)amino]methyl}propyl 3-{(methoxybenzyl)amino]methyl}propyl 3-{(dipropylamino)carbonyl]-5-methylbenzoate} 358 (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{{(3-methylburl)amino]methyl}propyl 3-{(dipropylamino)carbonyl]-5-methylbenzoate} 360 (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{{(3-methylburl)amino]methyl}propyl 3-{(dipropylamino)carbonyl]-5-methylbenzoate} 361 (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{{(3-methylbenzyl)amino]methyl}propyl 3-{(dipropylamino)carbonyl]-5-methylbenzoate} 362 (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{{(1-methylbenzyl)amino]methyl}propyl 3-{(1-propylbutyl)sulfonyl)propanoate} 363 (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{{(1-methylbenzyl)amino]methyl}propyl 3-{(1-methylbenzyl)amino]methyl}propyl 3-{(1-methylbenzyl)amino)carbonyl]-		Н	
340 (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzy)]amino]methyl]propyl 3-{[(1-methyl-1 <i>H</i> -imidazo]-4-yl)sulfonyl]amino]benzoate trihydrochloride 342 (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{[(pentylamino)methyl]propyl 3-{(dipropylamino)carbonyl]-5-methylbenzoate 344 (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(4-fluorophenyl)-1-{[(3-methoxybenzyl)amino]methyl]propyl 3-{(dipropylamino)carbonyl]benzoate 346 (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3-f-difluorophenyl)-1-{{(3-ethylbenzoate)}}-5-methylbenzoate 348 (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3-f-difluorophenyl)-1-{{(3-ethylbenzyl)amino]carbonyl]-5-methylbenzoate 350 (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{{(2-({[(2,4-difluorophenyl)amino]carbonyl]-5-methylbenzoate}}-1-{((1,2,2)-2-amino-3-(3,5-difluorophenyl)-1-{{(3-ethylbenzyl)amino]methyl}propyl 3-{{((1,2,2)-2-amino-3-(3,5-difluorophenyl)-1-{{(3-ethylbenzyl)amino]methyl}propyl 3-{{((1,2,2)-2-amino-3-(3,5-difluorophenyl)-1-{{(3-ethylbenzyl)amino]methyl}propyl 3-{((1,2,2)-2-amino-3-(3,5-difluorophenyl)-1-{{(3-methoxybenzyl)amino]methyl}propyl 3-{((1,2,2)-2-amino-3-(3,5-difluorophenyl)-1-{{(3-methoxybenzyl)amino]methyl}propyl 3-{(methoxybenzyl)amino]methyl}propyl 3-{(methoxybenzyl)amino]methyl}propyl 3-{(methoxybenzyl)amino]methyl}propyl 3-{(methoxybenzyl)amino]methyl}propyl 3-{(methoxybenzyl)amino]methyl}propyl 3-{(dipropylamino)carbonyl]-5-methylbenzoate} 358 (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{{(3-methylburl)amino]methyl}propyl 3-{(dipropylamino)carbonyl]-5-methylbenzoate} 360 (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{{(3-methylburl)amino]methyl}propyl 3-{(dipropylamino)carbonyl]-5-methylbenzoate} 361 (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{{(3-methylbenzyl)amino]methyl}propyl 3-{(dipropylamino)carbonyl]-5-methylbenzoate} 362 (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{{(1-methylbenzyl)amino]methyl}propyl 3-{(1-propylbutyl)sulfonyl)propanoate} 363 (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{{(1-methylbenzyl)amino]methyl}propyl 3-{(1-methylbenzyl)amino]methyl}propyl 3-{(1-methylbenzyl)amino)carbonyl]-		Hand	
ethylbenzyl)amino]methyl}propyl 3-{{(1-methyl-1 <i>H</i> -imidazol-4-yl)sulfonyl]amino}benzoate trihydrochloride (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{(pentylamino)methyl]propyl 3-{(dipropylamino)carbonyl]-5-methylbenzoate (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(4-fluorophenyl)-1-{{(3-methoxybenzyl)amino]methyl}propyl 3-{aminocarbonyl}-5-{(dipropylamino)carbonyl]benzoate (1 <i>R</i> ,2 <i>S</i>)-2-amino-1-{(benzylamino)methyl]-3-(3-chloro-5-fluorophenyl)propyl 3-{(dipropylamino)carbonyl]-5-methylbenzoate (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{{(3-ethylbenzyl)amino]methyl}propyl 3-{{cyclohexyl(ethyl)amino]carbonyl}-5-methylbenzoate (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{{(2-({[(2,4-difluorophenyl)]amino]carbonyl}-5-methylbenzoate (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{{(3-ethylbenzyl)amino]methyl}propyl 3-{{(2 <i>S</i>)-2-(methoxymethyl)pyrrolidin-1-yl]carbonyl}-5-methylbenzoate hydrochloride (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3-fluoro-4-methylphenyl)-1-{{(3-methylburyl)amino]methyl}propyl 3-{(dipropylamino)carbonyl]benzoate (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3-fluoro-4-methylphenyl)-1-{{(3-methyburyl)amino]methyl}propyl 3-{aminocarbonyl}-5-{(dipropylamino)carbonyl]benzoate (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3-fluorophenyl)-1-{{(3-methybutyl)amino]methyl}propyl 3-{aminocarbonyl}-5-{(dipropylamino)carbonyl]benzoate (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{{(3-methybutyl)amino]methyl}propyl 3-{aminocarbonyl}-5-{bydroxyhexyl)amino]methyl}propyl 3-{(dipropylamino)carbonyl]-5-methylbenzoate (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{{(3-methylbutyl)amino)carbonyl}-5-methylbenzoate (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{{(3-phyloropylamino)carbonyl}-5-methylbenzoate (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{{(3-phyloropylamino)carbonyl}-5-methylbenzoate (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{{(4-phyloropylamino)carbonyl}-5-methylbenzoate (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{{(4-phyloropylamino)carbonyl}-5-methylbenzoate (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{{(4-phyloropylamino)carbonyl}-5-methylbenzoate (1 <i>R</i>		1121V H O	
ethylbenzyl)amino]methyl}propyl 3-{{(1-methyl-1 <i>H</i> -imidazol-4-yl)sulfonyl]amino}benzoate trihydrochloride (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{(pentylamino)methyl]propyl 3-{(dipropylamino)carbonyl]-5-methylbenzoate (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(4-fluorophenyl)-1-{{(3-methoxybenzyl)amino]methyl}propyl 3-{aminocarbonyl}-5-{(dipropylamino)carbonyl]benzoate (1 <i>R</i> ,2 <i>S</i>)-2-amino-1-{(benzylamino)methyl]-3-(3-chloro-5-fluorophenyl)propyl 3-{(dipropylamino)carbonyl]-5-methylbenzoate (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{{(3-ethylbenzyl)amino]methyl}propyl 3-{{cyclohexyl(ethyl)amino]carbonyl}-5-methylbenzoate (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{{(2-({[(2,4-difluorophenyl)]amino]carbonyl}-5-methylbenzoate (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{{(3-ethylbenzyl)amino]methyl}propyl 3-{{(2 <i>S</i>)-2-(methoxymethyl)pyrrolidin-1-yl]carbonyl}-5-methylbenzoate hydrochloride (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3-fluoro-4-methylphenyl)-1-{{(3-methylburyl)amino]methyl}propyl 3-{(dipropylamino)carbonyl]benzoate (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3-fluoro-4-methylphenyl)-1-{{(3-methyburyl)amino]methyl}propyl 3-{aminocarbonyl}-5-{(dipropylamino)carbonyl]benzoate (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3-fluorophenyl)-1-{{(3-methybutyl)amino]methyl}propyl 3-{aminocarbonyl}-5-{(dipropylamino)carbonyl]benzoate (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{{(3-methybutyl)amino]methyl}propyl 3-{aminocarbonyl}-5-{bydroxyhexyl)amino]methyl}propyl 3-{(dipropylamino)carbonyl]-5-methylbenzoate (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{{(3-methylbutyl)amino)carbonyl}-5-methylbenzoate (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{{(3-phyloropylamino)carbonyl}-5-methylbenzoate (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{{(3-phyloropylamino)carbonyl}-5-methylbenzoate (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{{(4-phyloropylamino)carbonyl}-5-methylbenzoate (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{{(4-phyloropylamino)carbonyl}-5-methylbenzoate (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{{(4-phyloropylamino)carbonyl}-5-methylbenzoate (1 <i>R</i>			
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ethylbenzyl)amino]methyl}propyl 3-{{(1-methyl-1 <i>H</i> -imidazol-4-yl)sulfonyl]amino}benzoate trihydrochloride (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{(pentylamino)methyl]propyl 3-{(dipropylamino)carbonyl]-5-methylbenzoate (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(4-fluorophenyl)-1-{{(3-methoxybenzyl)amino]methyl}propyl 3-{aminocarbonyl}-5-{(dipropylamino)carbonyl]benzoate (1 <i>R</i> ,2 <i>S</i>)-2-amino-1-{(benzylamino)methyl]-3-(3-chloro-5-fluorophenyl)propyl 3-{(dipropylamino)carbonyl]-5-methylbenzoate (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{{(3-ethylbenzyl)amino]methyl}propyl 3-{{cyclohexyl(ethyl)amino]carbonyl}-5-methylbenzoate (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{{(2-({[(2,4-difluorophenyl)]amino]carbonyl}-5-methylbenzoate (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{{(3-ethylbenzyl)amino]methyl}propyl 3-{{(2 <i>S</i>)-2-(methoxymethyl)pyrrolidin-1-yl]carbonyl}-5-methylbenzoate hydrochloride (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3-fluoro-4-methylphenyl)-1-{{(3-methylburyl)amino]methyl}propyl 3-{(dipropylamino)carbonyl]benzoate (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3-fluoro-4-methylphenyl)-1-{{(3-methyburyl)amino]methyl}propyl 3-{aminocarbonyl}-5-{(dipropylamino)carbonyl]benzoate (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3-fluorophenyl)-1-{{(3-methybutyl)amino]methyl}propyl 3-{aminocarbonyl}-5-{(dipropylamino)carbonyl]benzoate (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{{(3-methybutyl)amino]methyl}propyl 3-{aminocarbonyl}-5-{bydroxyhexyl)amino]methyl}propyl 3-{(dipropylamino)carbonyl]-5-methylbenzoate (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{{(3-methylbutyl)amino)carbonyl}-5-methylbenzoate (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{{(3-phyloropylamino)carbonyl}-5-methylbenzoate (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{{(3-phyloropylamino)carbonyl}-5-methylbenzoate (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{{(4-phyloropylamino)carbonyl}-5-methylbenzoate (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{{(4-phyloropylamino)carbonyl}-5-methylbenzoate (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{{(4-phyloropylamino)carbonyl}-5-methylbenzoate (1 <i>R</i>		0 0	
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y sulfonyl amino benzoate trihydrochloride (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-[(pentylamino)methyl]propyl 3- (dipropylamino)carbonyl]-5-methylbenzoate (1R,2S)-2-amino-3-(4-fluorophenyl)-1-{[(3-methoxybenzyl)amino]methyl}propyl 3-(aminocarbonyl)-5- (dipropylamino)carbonyl]benzoate (1R,2S)-2-amino-1-[(benzylamino)methyl]-3-(3-chloro-5-fluorophenyl)propyl 3- (dipropylamino)carbonyl]-5-methylbenzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 3-{[cyclohexyl(ethyl)amino]carbonyl}-5-methylbenzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-({[2-({[(2,4-difluorophenyl)amino]carbonyl]-5-methylbenzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 3-{[(2S)-2-(methoxymethyl)pyrrolidin-1-yl]carbonyl}-5-methylbenzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-methoxybenzyl)amino]methyl}propyl 3-(aminocarbonyl)-5-[(dipropylamino)carbonyl]benzoate (1R,2S)-2-amino-3-(3-fluoro-4-methylphenyl)-1-{[(3-methoxybenzyl)amino]methyl}propyl 3-(aminocarbonyl)-5-[(dipropylamino)carbonyl]benzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-methylbutyl)amino]methyl}propyl 3-(aminocarbonyl)-5-[(dipropylamino)carbonyl]benzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-methylbutyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-methylburophenyl)-5-methylbenzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(2R)-2-hydroxyhcyyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(2R)-2-hydroxyhcyyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(2R)-2-hydroxyhcyyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 3-{[(dipropylamino)carbonyl]-5-methylbenzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl]propyl 3-{[(dipropylamino)carbo		ethylbenzyl)amino]methyl}propyl 3-{[(1-methyl-1 H-imidazol-4-	
342 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-[(pentylamino)methyl]propyl 3- ([dipropylamino)carbonyl]-5-methylbenzoate (1R,2S)-2-amino-3-(4-fluorophenyl)-1-{[(3-methoxybenzyl)amino]methyl}propyl 3-(aminocarbonyl)-5- [(dipropylamino)carbonyl]benzoate (1R,2S)-2-amino-1-[(benzylamino)methyl]-3-(3-chloro-5-fluorophenyl)propyl 3- [(dipropylamino)carbonyl]-5-methylbenzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzoate)] (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-([2-({[(2,4-difluorophenyl)amino]methyl}propyl 3-{[(dipropylamino)carbonyl]-5-methylbenzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl]propyl 3-{[(2S)-2-(methoxymethyl)pyrrolidin-1-yl]carbonyl}-5-methylbenzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-methoxybenzyl)amino]methyl]propyl 3-(aminocarbonyl)-5- [(dipropylamino)carbonyl]benzoate (1R,2S)-2-amino-3-(3-fluoro-4-methylphenyl)-1-{[(3-methoxybenzyl)amino]methyl]propyl 3-(aminocarbonyl)-5- [(dipropylamino)carbonyl]benzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-methylbutyl)amino]methyl]propyl 3-(aminocarbonyl)-5- [(dipropylamino)carbonyl]-5- [(dipropylamino]methyl]-1-{(dipropylamino)carbonyl]-5- [(dipropylamino]methyl]-1-{(dipropylamino)carbonyl]-5- [(dipropylamino)c		vl)sulfonvl]amino} benzoate trihvdrochloride	
[(dipropylamino)carbonyl]-5-methylbenzoate	342		
344 (1R,2S)-2-amino-3-(4-fluorophenyl)-1-[[(3-methoxybenzyl)amino]methyl}propyl 3-(aminocarbonyl)-5- [[(dipropylamino)carbonyl]benzoate (1R,2S)-2-amino-1-[(benzylamino)methyl]-3-(3-chloro-5-fluorophenyl)propyl 3- [[(dipropylamino)carbonyl]-5-methylbenzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-[[(3-ethylbenzyl)amino]methyl}propyl 3-{[(cyclohexyl(ethyl)amino]carbonyl}-5-methylbenzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-([[2-({[(2,4-difluorophenyl)amino]carbonyl]-5-methylbenzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-[[(3-ethylbenzyl)amino]methyl}propyl 3-{[(2S)-2-(methoxymethyl)pyrrolidin-1-y]carbonyl}-5-methylbenzoate hydrochloride (1R,2S)-2-amino-3-(3,5-difluoro-4-methylphenyl)-1-{[(3-methybenzyl)amino]methyl}propyl 3-(aminocarbonyl)-5-[(dipropylamino)carbonyl]benzoate (1R,2S)-2-amino-3-(3-bromophenyl)-1-{[(3-methylburyl)amino]methyl}propyl 3-(aminocarbonyl)-5-[(dipropylamino)carbonyl]benzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-methylburyl)amino]methyl}propyl 2,8-dimethylquinoline-3-carboxylate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(6-hydroxyhexyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(6-hydroxyhexyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(6-hydroxyhexyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-methylbenzoate)]-5-methylbenzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-methylbenzoate)]-5-methylbenzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-methylbenzoate)]-5-methylbenzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-methylbenzoate)]-5-methylbenzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(4-phenylbutyl)amino]methyl}propyl 3-[(4-phenylbutyl)amino]methyl}propyl 3-[(4-phenylbutyl)amino]methyl}propyl 3-[(4-phenylbutyl)amino]methyl}propyl 3-[(4-phenylbutyl)amino]carbonyl]-5-		[(dipropylamino)carbonyl]-5-methylbenzoate	
methoxybenzyl)amino]methyl}propyl 3-(aminocarbonyl)-5- [(dipropylamino)carbonyl]benzoate (1R,2S)-2-amino-1-[(benzylamino)methyl]-3-(3-chloro-5-fluorophenyl)propyl 3- [(dipropylamino)carbonyl]-5-methylbenzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 3-{[cyclohexyl(ethyl)amino]carbonyl}-5- methylbenzylamino]carbonyl]-5-methylbenzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(2-{[(2,4-difluorophenyl)amino]carbonyl}-5-methylbenzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}-5-methylbenzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}-5-methylbenzoate (1R,2S)-2-amino-3-(3-fluoro-4-methylphenyl)-1-{[(3-methoxybenzyl)amino]methyl}-5-[[(dipropylamino)carbonyl]benzoate (1R,2S)-2-amino-3-(3-fluoro-4-methylphenyl)-1-{[(3-methylbutyl)amino]methyl}-5-[(dipropylamino)carbonyl]-5-[(dipropylamino)carbonyl]-5-[(dipropylamino)carbonyl]-1-{[(3-methylbutyl)amino]methyl}-1-{[(3-methylbutyl)amino]methyl}-1-{[(3-methylbutyl)amino]methyl}-1-{[(3-methylbutyl)amino]methyl}-1-{[(3-methylbutyl)amino]methyl}-1-{[(3-methylbutyl)amino]methyl}-1-{[(3-methylbutyl)amino]methyl}-1-{[(3-methylbutyl)amino]methyl}-1-{[(3-methylbutyl)amino]methyl}-1-{[(3-methylbutyl)amino]methyl}-1-{[(3-methylbutyl)amino]carbonyl]-5-methylbenzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-pethylbenzyl)amino]methyl}-1-{[(3-methylbutyl)amino]carbonyl]-5-methylbenzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-pethylbenzyl)amino]methyl}-1-{[(3-methylbenzyl)amino]methyl}-1-{[(3-methylbenzyl)amino]methyl}-1-{[(3-methylbenzyl)amino]methyl}-1-{[(3-methylbenzyl)amino]methyl}-1-{[(3-methylbenzyl)amino]methyl}-1-{[(3-methylbenzyl)amino]methyl}-1-{[(3-methylbenzyl)amino]methyl}-1-{[(3-methylbenzyl)amino]methyl}-1-{[(3-methylbenzyl)amino]methyl}-1-{[(3-methylbenzyl)amino]methyl}-1-{[(3-methylbenzyl)amino]methyl}-1-{[(3-methylbenzyl)amino]methyl}-1-{[(3-methylbenzyl)amino]methyl}-1-{[(3-methylbenzyl)amino]methyl]-1-{[(3-methylbenzyl)amino]methyl]-1-{[(3-methylbenzyl	344	(1R.2S)-2-amino-3-(4-fluorophenyl)-1-[[(3-	
[(dipropylamino)carbonyl]benzoate (1R,2S)-2-amino-1-[(benzylamino)methyl]-3-(3-chloro-5-fluorophenyl)propyl 3- [(dipropylamino)carbonyl]-5-methylbenzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 3-{[cyclohexyl(ethyl)amino]carbonyl}-5-methylbenzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(2-([(2,4-difluorophenyl)amino]carbonyl]oxy)ethyl]amino}methyl)propyl 3- [(dipropylamino)carbonyl]-5-methylbenzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl]propyl 3-{[(2S)-2-(methoxymethyl)pyrrolidin-1-yl]carbonyl}-5-methylbenzoate hydrochloride (1R,2S)-2-amino-3-(3-fluoro-4-methylphenyl)-1-{[(3-methoxybenzyl)amino]methyl}propyl 3-(aminocarbonyl)-5-[(dipropylamino)carbonyl]benzoate (1R,2S)-2-amino-3-(3-bromophenyl)-1-{[(3-methylbutyl)amino]methyl}propyl 3-(aminocarbonyl)-5-[(dipropylamino)carbonyl]benzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(6-hydroxyhexyl)amino]methyl}propyl 2,8-dimethylquinoline-3-carboxylate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(6-hydroxyhexyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(6-hydroxyhexyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(2R)-2-hydroxypropyl]amino}methyl)propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 3-{[(2-hydroxy-1,1-dimethylethyl)amino]methyl}propyl 3-{[(2-hydroxy-1,1-dimethylethyl)amino]methyl}propyl 3-[((2-hydroxy-1,1-dimethylbutyl)amino]methyl}propyl 3-[((2-hydroxy-1)-1-{[(4-phenylbutyl)amino]methyl}propyl 3-[((dipropylamino)carbonyl]-5-		methoxybenzyl)aminolmethyl\nropyl 3-(aminocarbonyl) 5	
346 (1R,2S)-2-amino-1-[(benzylamino)methyl]-3-(3-chloro-5-fluorophenyl)propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 3-{[cyclohexyl(ethyl)amino]carbonyl}-5-methylbenzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-({[2-({[(2,4-difluorophenyl)amino]carbonyl}-5-methylbenzoate (1R,2S)-2-amino)-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 3-{[(2S)-2-(methoxymethyl)pyrrolidin-1-yl]carbonyl}-5-methylbenzoate hydrochloride (1R,2S)-2-amino-3-(3-fluoro-4-methylphenyl)-1-{[(3-methoxybenzyl)amino]methyl}propyl 3-(aminocarbonyl)-5-[(dipropylamino)carbonyl]benzoate (1R,2S)-2-amino-3-(3-bromophenyl)-1-{[(3-methylbutyl)amino]methyl}propyl 3-(aminocarbonyl)-5-[(dipropylamino)carbonyl]benzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 2,8-dimethylquinoline-3-carboxylate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(6-hydroxyhexyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(2R)-2-hydroxypropyl]amino}methyl)propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(2R)-2-hydroxypropyl]amino}methyl)propyl 3-[(dipropylamino)methyl]-5-methylbenzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl)propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 3-{[(4-phydroxy-1,1-dimethylethyl)amino]methyl}propyl 3-{[(2-hydroxy-1,1-dimethylethyl)amino]methyl}propyl 3-{[(4-phydroxy-1,1-dimethylbunino]methyl}propyl 3-{[(dipropylamino)carbonyl]-5-		[(dipropylamino)carbonyl]henzoate	
[(dipropylamino)carbonyl]-5-methylbenzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[[3-ethylbenzyl)amino]methyl}propyl 3-{[cyclohexyl(ethyl)amino]carbonyl}-5-methylbenzoate 350 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[[2-({[(2,4-difluorophenyl)amino]carbonyl}-5-methylbenzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[[3-ethylbenzyl)amino]methyl}propyl 3-{[(2S)-2-(methoxymethyl)pyrrolidin-1-yl]carbonyl}-5-methylbenzoate hydrochloride 354 (1R,2S)-2-amino-3-(3-fluoro-4-methylphenyl)-1-{[[3-methoxybenzyl]amino]methyl}-propyl 3-{aminocarbonyl}-5-[(dipropylamino)carbonyl]benzoate 356 (1R,2S)-2-amino-3-(3-bromophenyl)-1-{[[3-methylbutyl)amino]methyl}-5-[(dipropylamino)carbonyl]benzoate 358 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[[3-ethylbenzyl)amino]methyl}-1-{[[6-hydroxyhexyl]amino]methyl}-1-{[(6-hydroxyhexyl)amino]methyl}-1-{[(dipropylamino)carbonyl]-5-methylbenzoate 360 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(2R)-2-hydroxypropyl]amino]methyl}-1-{[(2R)-2-hydroxypropyl]amino]methyl-1-{[(3-methylbenzoate)dethylbenzoate} 364 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzoate)dethylbenzoate} 366 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl-1-{[(3-methoxybenzyl)amino]methyl-1-{[(3-ethylbenzoate)dethylbenzoate} 366 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl-1-{[(3-ethylbenzoate)dethylbenzoate} 367 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl-1-{[(3-ethylbenzyl)amino]methyl-1-{[(3-ethylbenzyl)amino]methyl-1-{[(3-ethylbenzoate)dethylbenzoate} 368 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(4-phenylbutyl)amino]methyl-1-{[(4-phenylbutyl)amino]methyl-1-{[(4-phenylbutyl)amino]methyl-1-{[(4-phenylbutyl)amino]methyl-1-{[(4-phenylbutyl)amino]methyl-1-{[(4-phenylbutyl)amino]methyl-1-{[(4-phenylbutyl)amino]methyl-1-{[(4-phenylbutyl)amino]methyl-1-{[(4-phenylbutyl)amino]methyl-1-{[(4-phenylbutyl)amino]methyl-1-{[(4-phenylbutyl)amino]methyl-1-{[(4-phenylbutyl)amino]methyl-1-{[(4-phenylbutyl)amino]methyl-1-{[(4-phenylbutyl)am	346		
348		[(dipropylamino)carbonyl]-5-methylbenzoate	
ethylbenzyl)amino]methyl}propyl 3-{[cyclohexyl(ethyl)amino]carbonyl}-5-methylbenzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-({[2-({[(2,4-difluorophenyl)amino]carbonyl}oxy)ethyl]amino} methyl)propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 3-{[(2S)-2-(methoxymethyl)pyrrolidin-1-yl]carbonyl}-5-methylbenzoate hydrochloride (1R,2S)-2-amino-3-(3-fluoro-4-methylphenyl)-1-{[(3-methoxybenzyl)amino]methyl}propyl 3-(aminocarbonyl)-5-[(dipropylamino)carbonyl]benzoate (1R,2S)-2-amino-3-(3-bromophenyl)-1-{[(3-methylbutyl)amino]methyl}propyl 3-(aminocarbonyl)-5-[(dipropylamino)carbonyl]benzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 2,8-dimethylquinoline-3-carboxylate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(6-hydroxyhexyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(2R)-2-hydroxypropyl]amino}methyl)propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 3-{[(2-hydroxy-1,1-dimethylethyl)amino]sulfonyl}benzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(4-phenylbutyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-	348	$(1R,2S)$ -2-amino-3- $(3.5$ -difluorophenyl)-1- $\{[(3-$	
methylbenzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-({[2-({[(2,4-difluorophenyl)amino]carbonyl}oxy)ethyl]amino}methyl)propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 3-{[(2S)-2-(methoxymethyl)pyrrolidin-1-yl]carbonyl}-5-methylbenzoate hydrochloride (1R,2S)-2-amino-3-(3-fluoro-4-methylphenyl)-1-{[(3-methoxybenzyl)amino]methyl}propyl 3-(aminocarbonyl)-5-[(dipropylamino)carbonyl]benzoate (1R,2S)-2-amino-3-(3-bromophenyl)-1-{[(3-methylbutyl)amino]methyl}propyl 3-(aminocarbonyl)-5-[(dipropylamino)carbonyl]benzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 2,8-dimethylquinoline-3-carboxylate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(6-hydroxyhexyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-({[(2R)-2-hydroxypropyl]amino}methyl)propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 3-[(2-hydroxy-1,1-dimethylethyl)amino]methyl}propyl 3-{[(2-hydroxy-1,1-dimethylethyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-			
(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-({[2-({[2,4-difluorophenyl)amino]carbonyl}oxy)ethyl]amino}methyl)propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 3-{[(2S)-2-(methoxymethyl)pyrrolidin-1-yl]carbonyl}-5-methylbenzoate hydrochloride (1R,2S)-2-amino-3-(3-fluoro-4-methylphenyl)-1-{[(3-methoxybenzyl)amino]methyl}propyl 3-(aminocarbonyl)-5-[(dipropylamino)carbonyl]benzoate (1R,2S)-2-amino-3-(3-bromophenyl)-1-{[(3-methylbutyl)amino]methyl}propyl 3-(aminocarbonyl)-5-[(dipropylamino)carbonyl]benzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 2,8-dimethylquinoline-3-carboxylate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(6-hydroxyhexyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(2R)-2-hydroxypropyl]amino}methyl)propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl]propanoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl]propyl 3-[(2-hydroxy-1,1-dimethylethyl)amino]methyl]propyl 3-[(4-phenylbutyl)amino]methyl]propyl 3-[(dipropylamino)carbonyl]-5-		methylbenzoate	
difluorophenyl)amino]carbonyl]-5-methylbenzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 3-{[(2S)-2-(methoxymethyl)pyrrolidin-1-yl]carbonyl}-5-methylbenzoate hydrochloride (1R,2S)-2-amino-3-(3-fluoro-4-methylphenyl)-1-{[(3-methoxybenzyl)amino]methyl}propyl 3-(aminocarbonyl)-5-[(dipropylamino)carbonyl]benzoate (1R,2S)-2-amino-3-(3-bromophenyl)-1-{[(3-methylbutyl)amino]methyl}propyl 3-(aminocarbonyl)-5-[(dipropylamino)carbonyl]benzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 2,8-dimethylquinoline-3-carboxylate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(6-hydroxyhexyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-({[(2R)-2-hydroxypropyl]amino}methyl)propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate (1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-phenylpropyl 3-[(1-propylbutyl)sulfonyl]propanoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 3-{[(2-hydroxy-1,1-dimethylethyl)amino]sulfonyl}benzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(4-phenylbutyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-	350		
[(dipropylamino)carbonyl]-5-methylbenzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 3-{[(2S)-2-(methoxymethyl)pyrrolidin-1-yl]carbonyl}-5-methylbenzoate hydrochloride (1R,2S)-2-amino-3-(3-fluoro-4-methylphenyl)-1-{[(3-methoxybenzyl)amino]methyl}propyl 3-(aminocarbonyl)-5-[(dipropylamino)carbonyl]benzoate (1R,2S)-2-amino-3-(3-bromophenyl)-1-{[(3-methylbutyl)amino]methyl}propyl 3-(aminocarbonyl)-5-[(dipropylamino)carbonyl]benzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 2,8-dimethylquinoline-3-carboxylate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(6-hydroxyhexyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(2R)-2-hydroxypropyl]amino}methyl)propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate (1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-phenylpropyl 3-[(1-propylbutyl)sulfonyl]propanoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 3-{[(2-hydroxy-1,1-dimethylethyl)amino]sulfonyl}benzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(4-phenylbutyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-		difluorophenyl)aminolcarbonyl}oxy)ethyllamino\methyl)propyl 3-	
(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 3-{[(2S)-2-(methoxymethyl)pyrrolidin-1-yl]carbonyl}-5-methylbenzoate hydrochloride (1R,2S)-2-amino-3-(3-fluoro-4-methylphenyl)-1-{[(3-methoxybenzyl)amino]methyl}propyl 3-(aminocarbonyl)-5-[(dipropylamino)carbonyl]benzoate (1R,2S)-2-amino-3-(3-bromophenyl)-1-{[(3-methylbutyl)amino]methyl}propyl 3-(aminocarbonyl)-5-[(dipropylamino)carbonyl]benzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 2,8-dimethylquinoline-3-carboxylate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(6-hydroxyhexyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-({[(2R)-2-hydroxypropyl]amino}methyl)propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate (1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-phenylpropyl 3-[(1-propylbutyl)sulfonyl]propanoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 3-{[(2-hydroxy-1,1-dimethylethyl)amino]sulfonyl}benzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(4-phenylbutyl)amino]methyl}propyl 3-[((dipropylamino)carbonyl]-5-	İ	[(dipropylamino)carbonyl]-5-methylbenzoate	
ethylbenzyl)amino]methyl} propyl 3-{[(2S)-2-(methoxymethyl)pyrrolidin-1-yl]carbonyl}-5-methylbenzoate hydrochloride (1R,2S)-2-amino-3-(3-fluoro-4-methylphenyl)-1-{[(3-methoxybenzyl)amino]methyl} propyl 3-(aminocarbonyl)-5-[(dipropylamino)carbonyl]benzoate (1R,2S)-2-amino-3-(3-bromophenyl)-1-{[(3-methylbutyl)amino]methyl} propyl 3-(aminocarbonyl)-5-[(dipropylamino)carbonyl]benzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl} propyl 2,8-dimethylquinoline-3-carboxylate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(6-hydroxyhexyl)amino]methyl} propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(2R)-2-hydroxypropyl]amino}methyl) propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate (1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-phenylpropyl 3-[(1-propylbutyl)sulfonyl]propanoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl} propyl 3-[(2-hydroxy-1,1-dimethylethyl)amino]sulfonyl} benzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(4-phenylbutyl)amino]methyl} propyl 3-[(dipropylamino)carbonyl]-5-	352	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-	
354 (1R,2S)-2-amino-3-(3-fluoro-4-methylphenyl)-1-{[(3-methoxybenzyl)amino]methyl}propyl 3-(aminocarbonyl)-5- [(dipropylamino)carbonyl]benzoate 356 (1R,2S)-2-amino-3-(3-bromophenyl)-1-{[(3-methylbutyl)amino]methyl}propyl 3-(aminocarbonyl)-5-[(dipropylamino)carbonyl]benzoate 358 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 2,8-dimethylquinoline-3-carboxylate 360 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(6-hydroxyhexyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate 362 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-({[(2R)-2-hydroxypropyl]amino}methyl)propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate 364 (1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-phenylpropyl 3-[(1-propylbutyl)sulfonyl]propanoate 366 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 3-{[(2-hydroxy-1,1-dimethylethyl)amino]sulfonyl}benzoate 368 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(4-phenylbutyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-		ethylbenzyl)amino]methyl}propyl 3-{[(2S)-2-(methoxymethyl)pyrrolidin-1-	
1834 (1R,2S)-2-amino-3-(3-fluoro-4-methylphenyl)-1-{[(3-methoxybenzyl)amino]methyl}propyl 3-(aminocarbonyl)-5- [(dipropylamino)carbonyl]benzoate 356 (1R,2S)-2-amino-3-(3-bromophenyl)-1-{[(3-methylbutyl)amino]methyl}propyl 3-(aminocarbonyl)-5-[(dipropylamino)carbonyl]benzoate 358 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 2,8-dimethylquinoline-3-carboxylate 360 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(6-hydroxyhexyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate 362 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(2R)-2-hydroxypropyl]amino}methyl)propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate 364 (1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-phenylpropyl 3-[(1-propylbutyl)sulfonyl]propanoate 366 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 3-{[(2-hydroxy-1,1-dimethylethyl)amino]sulfonyl}benzoate 368 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(4-phenylbutyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-		yl]carbonyl}-5-methylbenzoate hydrochloride	
methoxybenzyl)amino]methyl}propyl 3-(aminocarbonyl)-5- [(dipropylamino)carbonyl]benzoate 356	354	$(1R,2S)$ -2-amino-3- $(3$ -fluoro-4-methylphenyl)-1- $\{[(3$ -	
[(dipropylamino)carbonyl]benzoate (1R,2S)-2-amino-3-(3-bromophenyl)-1-{[(3-methylbutyl)amino]methyl}propyl 3-(aminocarbonyl)-5-[(dipropylamino)carbonyl]benzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 2,8-dimethylquinoline-3-carboxylate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(6-hydroxyhexyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-({[(2R)-2-hydroxypropyl]amino}methyl)propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate (1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-phenylpropyl 3-[(1-propylbutyl)sulfonyl]propanoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 3-{[(2-hydroxy-1,1-dimethylethyl)amino]sulfonyl}benzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(4-phenylbutyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-		methoxybenzyl)amino methyl propyl 3-(aminocarbonyl)-5-	
356 (1R,2S)-2-amino-3-(3-bromophenyl)-1-{[(3-methylbutyl)amino]methyl}propyl 3-(aminocarbonyl)-5-[(dipropylamino)carbonyl]benzoate 358 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 2,8-dimethylquinoline-3-carboxylate 360 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(6-hydroxyhexyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate 362 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-({[(2R)-2-hydroxypropyl]amino}methyl)propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate 364 (1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-phenylpropyl 3-[(1-propylbutyl)sulfonyl]propanoate 366 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 3-{[(2-hydroxy-1,1-dimethylethyl)amino]sulfonyl}benzoate 368 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(4-phenylbutyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-		[(dipropylamino)carbonyl]benzoate	
358 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 2,8-dimethylquinoline-3-carboxylate 360 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(6-hydroxyhexyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate 362 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-({[(2R)-2-hydroxypropyl]amino}methyl)propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate 364 (1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-phenylpropyl 3-[(1-propylbutyl)sulfonyl]propanoate 366 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 3-{[(2-hydroxy-1,1-dimethylethyl)amino]sulfonyl}benzoate 368 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(4-phenylbutyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-	356	(1R,2S)-2-amino-3-(3-bromophenyl)-1-{[(3-methylbutyl)amino]methyl}propyl	
 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 2,8-dimethylquinoline-3-carboxylate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(6-hydroxyhexyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-({[(2R)-2-hydroxypropyl]amino}methyl)propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate (1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-phenylpropyl 3-[(1-propylbutyl)sulfonyl]propanoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 3-{[(2-hydroxy-1,1-dimethylethyl)amino]sulfonyl}benzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(4-phenylbutyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5- 		3-(aminocarbonyl)-5-[(dipropylamino)carbonyl]benzoate	
ethylbenzyl)amino]methyl}propyl 2,8-dimethylquinoline-3-carboxylate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(6-hydroxyhexyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-({[(2R)-2-hydroxypropyl]amino}methyl)propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate (1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-phenylpropyl 3-[(1-propylbutyl)sulfonyl]propanoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 3-{[(2-hydroxy-1,1-dimethylethyl)amino]sulfonyl}benzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(4-phenylbutyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-	358	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-	
 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(6-hydroxyhexyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-({[(2R)-2-hydroxypropyl]amino}methyl)propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate (1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-phenylpropyl 3-[(1-propylbutyl)sulfonyl]propanoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 3-{[(2-hydroxy-1,1-dimethylethyl)amino]sulfonyl}benzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(4-phenylbutyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5- 		ethylbenzyl)amino]methyl}propyl 2,8-dimethylquinoline-3-carboxylate	
362 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-({[(2R)-2-hydroxypropyl]amino}methyl)propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate 364 (1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-phenylpropyl 3-[(1-propylbutyl)sulfonyl]propanoate 366 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 3-{[(2-hydroxy-1,1-dimethylethyl)amino]sulfonyl}benzoate 368 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(4-phenylbutyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-	360	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(6-	
362 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-({[(2R)-2-hydroxypropyl]amino}methyl)propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate 364 (1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-phenylpropyl 3-[(1-propylbutyl)sulfonyl]propanoate 366 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 3-{[(2-hydroxy-1,1-dimethylethyl)amino]sulfonyl}benzoate 368 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(4-phenylbutyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-		hydroxyhexyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-	
hydroxypropyl]amino}methyl)propyl 3-[(dipropylamino)carbonyl]-5- methylbenzoate (1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-phenylpropyl 3-[(1- propylbutyl)sulfonyl]propanoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3- ethylbenzyl)amino]methyl}propyl 3-{[(2-hydroxy-1,1- dimethylethyl)amino]sulfonyl}benzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(4- phenylbutyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-		methylbenzoate	
methylbenzoate (1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-phenylpropyl 3-[(1-propylbutyl)sulfonyl]propanoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 3-{[(2-hydroxy-1,1-dimethylethyl)amino]sulfonyl}benzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(4-phenylbutyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-	362	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $(\{[(2R)-2-(2R)-2-(2R)-(2R)-(2R)-(2R)-(2R)-($	
364 (1 <i>R</i> ,2 <i>S</i>)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-phenylpropyl 3-[(1-propylbutyl)sulfonyl]propanoate 366 (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 3-{[(2-hydroxy-1,1-dimethylethyl)amino]sulfonyl}benzoate 368 (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{[(4-phenylbutyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-		hydroxypropyl]amino}methyl)propyl 3-[(dipropylamino)carbonyl]-5-	
propylbutyl)sulfonyl]propanoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 3-{[(2-hydroxy-1,1-dimethylethyl)amino]sulfonyl}benzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(4-phenylbutyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-		methylbenzoate	
 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl} propyl 3-{[(2-hydroxy-1,1-dimethylethyl)amino]sulfonyl} benzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(4-phenylbutyl)amino]methyl} propyl 3-[(dipropylamino)carbonyl]-5- 	364	(1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-phenylpropyl 3-[(1	
ethylbenzyl)amino]methyl}propyl 3-{[(2-hydroxy-1,1-dimethylethyl)amino]sulfonyl}benzoate 368 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(4-phenylbutyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-		propylbutyl)sulfonyl]propanoate	
dimethylethyl)amino]sulfonyl}benzoate 368 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(4-phenylbutyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-	366	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-	
368 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(4-phenylbutyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-		ethylbenzyl)amino]methyl}propyl 3-{[(2-hydroxy-1,1-	
phenylbutyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-	260	dimethylethyl)amino]sulfonyl}benzoate	
pnenylbutyl)amino methyl propyl 3-[(dipropylamino)carbonyl]-5- methylbenzoate	308	(1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{[(4-	
metnylbenzoate		phenylbutyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-	
		metnytoenzoate	

370	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-iodobenzyl)amino]methyl}propyl 7-(1H-imidazol-1-yl)-5,6-dihydronaphthalene-		
	2-carboxylate		
372	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-		
	ethylbenzyl)amino]methyl}propyl 3-(acetylamino)-4-methylbenzoate		
374	$(1R,2S)$ -2-amino-1- $(\{[2-(aminosulfonyl)ethyl]amino\}methyl)$ -3- $(3,5-$		
	difluorophenyl)propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate		
376	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-({[2-		
	(ethylthio)ethyl]amino}methyl)propyl 3-[(dipropylamino)carbonyl]-5-		
	methylbenzoate		
378	(1R,2S)-2-amino-3-cyclohexyl-1-{[(3-methoxybenzyl)amino]methyl}propyl 3-		
	[(dipropylamino)carbonyl]-5-methylbenzoate		
380	(1R,2S)-2-amino-1-{[benzyl(cyanomethyl)amino]methyl}-3-(3,5-		
	difluorophenyl)propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate		
382	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(2-		
	hydroxypropyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-		
204	methylbenzoate		
384	(1R,2S)-2-amino-1-{[(3-butoxypropyl)amino]methyl}-3-(3,5-		
386	difluorophenyl)propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-		
380	ethylbenzyl)amino]methyl}propyl 3-{[2-(2-hydroxyethyl)piperidin-1-		
	yl]carbonyl}-5-methylbenzoate		
388	yrjcarbonyry-5-methyrocizoate		
366			
	O H		
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200	[(3-1,2S)-2-amino-3-(3,5-difluorophenyl)-1-[(3-1,2S)-2-amino-3-(3-1,2S)-2-amino-3-(3-1,2S)-2-amino-3-(3-1,2S)-2-amino-3-(3-1,2S)-2-amino-3-(3-1,2S)-3-amino-3-(3-1,2		
390	ethylbenzyl)amino]methyl}propyl 3-(1-hydroxy-		
	2-propylpentyl)benzoate		
	2-propyrpontyr)ocnizoate		
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392	Cl (1R,2S)-2-amino-1-[(benzylamino)methyl]-3-(3-	
	chloro-5-fluorophenyl)propyl 3-	
	H ₂ N (aminocarbonyl)-5-	
	[(dipropylamino)carbonyl]benzoate	
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394	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-	
	ethylbenzyl)amino]methyl}propyl 4-[(methylsulfonyl)amino]butanoate	
1	trifluoroacetate	
396	(1R,2S)-2-amino-1-({[3-(1-benzothien-2-yl)benzyl]amino}methyl)-3-(3,5-	
	difluorophenyl)propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate	
398	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3-$	
	ethylbenzyl)amino]methyl}propyl 3-(benzyloxy)isoxazole-5-carboxylate	
400	(1R,2S)-2-amino-1-{[(cyclopropylmethyl)amino]methyl}-3-(3,5-	
1.00	difluorophenyl)propyl N-[(benzyloxy)carbonyl]-3-[(1-	
	propylbutyl)sulfonyl]alaninate trifluoroacetate	
402	F F F F F F F F F F F F F F F F F F F	
702		
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404	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3-$	
	ethylbenzyl)amino]methyl}propyl 5-(1 <i>H</i> -pyrazol-1-yl)pentanoate	
406	(1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-	
	ethylbenzyl)amino]methyl}propyl 1-(2-furylmethyl)-5-oxopyrrolidine-3-	
	carboxylate	
408	(1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-phenylpropyl 2-	
	ethylhexanoate hydrochloride	
410	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(5-	
	hydroxypentyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-	
	methylbenzoate	
412	$(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-\{[(3-$	
	methoxybenzyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]piperidine-1-carboxylate	
414		
-T1-7	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-	
	methoxybenzyl)amino]methyl}propyl 3-[(diethylamino)carbonyl]piperidine-1-carboxylate	
416	· · · · · · · · · · · · · · · · · · ·	
410	(1R,2S)-2-amino-3-(pentafluorophenyl)-1-({[3-	

	(trifluoromethyl)benzyl]amino}methyl)propyl 3-bromo-5-		
	[(dipropylamino)carbonyl]benzoate		
410	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-		
418	ethylbenzyl)amino]methyl}propyl 4-[(methylsulfonyl)amino]benzoate		
420	F [(methylogizyr)amme je ameny f		
420			
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422	(1R,2S)-2-amino-3-(3-bromophenyl)-1-{[(3-		
	methoxybenzyl)amino]methyl}propyl 3-[(dipropylamino)sulfonyl]propanoate		
424	(1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-(2-thienyl)propyl 3-		
	[(dipropylamino)sulfonyl]propanoate		
426	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-		
	ethoxypropyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-		
	methylbenzoate 12.0 (2.11; 1) 12.0		
428	(1R,2S)-2-amino-1-[(benzylamino)methyl]-3-(2-thienyl)propyl 3-		
	[(dipropylamino)carbonyl]-5-methylbenzoate		
430			
	0		
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432	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-		
152	ethylbenzyl)amino]methyl}propyl 2-hydroxy-4-(phenylsulfonyl)butanoate		
	hydrochloride		
434	(1R,2S)-2-amino-3-(3,5-dichlorophenyl)-1-{[(3-		
	methylbutyl)amino]methyl}propyl 3-(aminocarbonyl)-5-		
	[(dipropylamino)carbonyl]benzoate		
436	$(1R,2S)$ -2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-[3-		
	(trifluoromethoxy)phenyl]propyl 3-(aminocarbonyl)-5-		
	[(dipropylamino)carbonyl]benzoate		
259	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N'-ethyl-N-(3-byl-N-1)-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-		
	ethylbenzyl)-N'-isopropyl-5-methylisophthalamide		
261	N-[(2R,3S)-3-amino-2-hydroxy-4-(2-thienyl)butyl]-N-(3-methoxybenzyl)-5-		
	methyl-N',N'-dipropylisophthalamide		
263	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-		
	3-{[(2-hydroxyethyl)(propyl)amino]sulfonyl}propanamide		
265	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-		
	N-isopropyl-N',5-dimethylisophthalamide		

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267	W ((2) 2 (2) 2 (2) 4 (2) 5 (2) 1 (2) 2 (2)		
207	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-		
260	2-[(methylsulfonyl)amino]-1,3-thiazole-4-carboxamide		
269	N-allyl-N'-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-		
	cyclopentyl-N'-(3-ethylbenzyl)-5-methylisophthalamide		
271			
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273	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-		
	3-[(3-methylbutyl)sulfonyl]propanamide		
275	N-[(2 R ,3 S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-methyl- N -[3-(5-		
	methyl-2-thienyl)benzyl]-N',N'-dipropylisophthalamide		
277	N^{1} -[(2R,3S)-3-amino-2-hydroxy-4-(3-methoxyphenyl)butyl]- N^{1} -(3-		
	methoxybenzyl)-N ³ ,N ³ -dipropylbenzene-1,3,5-tricarboxamide		
279	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-methyl- $N-(1-2R,3S)$		
	methylhexyl)-N',N'-dipropylisophthalamide		
281	N-[1-(aminocarbonyl)cyclohexyl]-N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-		
	hydroxybutyl]-5-methyl-N',N'-dipropylisophthalamide		
283	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-[(2E)-hex-2-en-		
	1-yl]-5-methyl-N',N'-dipropylisophthalamide		
285	N-[(2R,3S)-3-amino-4-(4-fluorophenyl)-2-hydroxybutyl]-N-(3-methoxybenzyl)-		
	5-methyl-N', N'-dipropylisophthalamide		
287	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-		
	3-hydroxyisoxazole-5-carboxamide		
289	N -[(2 R ,3 S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- N -{3-[(1 E)-hex-1-		
	en-1-yl]benzyl}-5-methyl-N',N'-dipropylisophthalamide		
291	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-		
	N'-isopropyl-5-methylisophthalamide		
293	N^{1} -[(2R,3S)-3-amino-2-hydroxy-4-(2-thienyl)butyl]- N^{1} -(3-methoxybenzyl)-		
	N^3 , N^3 -dipropylbenzene-1,3,5-tricarboxamide		
295	2-(3-{2-[[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl](3-		
ļ	iodobenzyl)amino]-2-oxoethyl}phenoxy)acetamide		
297	N-[(2R,3S)-3-amino-4-(3-bromophenyl)-2-hydroxybutyl]-N-(3-methoxybenzyl)-		
	5-methyl-N',N'-dipropylisophthalamide		
299	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(2-ethylhexyl)-5-		
	methyl-N',N'-dipropylisophthalamide		
301	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-[3-(6-		
	methoxypyridin-3-yl)benzyl]-5-methyl-N',N'-dipropylisophthalamide		
303	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-[3-(2,4-		
	dimethoxypyrimidin-5-yl)benzyl]-5-methyl-N',N'-dipropylisophthalamide		
	515		

305	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-(2-thylbenzyl)-2-(3-thylbenz		
	3-(2-ethylbutanoyl)benzamide $N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-$		
307	N-[(2R,3S)-3-amino-4-(3,3-diffuorophenyi)-2-nydioxyoutyi]-N-(3-cmylocheyi)		
	3-[(4-hydroxypiperidin-1-yl)carbonyl]-5-methylbenzamide		
309	N^1 -[(2R,3S)-3-amino-4-(3-bromophenyl)-2-hydroxybutyl]- N^1 -(3-		
	methoxybenzyl)-N ³ ,N ³ -dipropylbenzene-1,3,5-tricarboxamide		
311	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3-1)^2,(3-1)$		
	iodobenzyl)amino]methyl}propyl 4-[2'-(aminocarbonyl)biphenyl-4-yl]-4-		
	oxobutanoate		
313	$1-(3-\{[[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl](3-bydroxybutyl)]$		
	ethylbenzyl)amino]carbonyl}-5-methylbenzoyl)-L-prolinamide		
315	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-		
	3-[(3-hydroxypiperidin-1-yl)carbonyl]-5-methylbenzamide		
317	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-hydroxy-1-		
	phenylpropyl)-5-methyl-N',N'-dipropylisophthalamide		
319	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N'-[2-		
	(dimethylamino)ethyl]-N'-ethyl-N-(3-ethylbenzyl)-5-methylisophthalamide		
321	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-		
521	4-methyl-4 <i>H</i> ,6 <i>H</i> -pyrrolo[1,2- <i>a</i>][4,1]benzoxazepine-4-carboxamide		
323	$\frac{2-(5-\text{acetyl-}2-\text{thienyl})-N-[(2R,3S)-3-\text{amino-}4-(3,5-\text{difluorophenyl})-2-}{2-(5-\text{acetyl-}2-\text{thienyl})-N-[(2R,3S)-3-\text{amino-}4-(3,5-\text{difluorophenyl})-2-}$		
323	hydroxybutyl]-N-(3-ethylbenzyl)acetamide		
325	N^1 -[(2R,3S)-3-amino-4-(3,5-dichlorophenyl)-2-hydroxybutyl]- N^1 -(3-		
323	methoxybenzyl)- N^3 , N^3 -dipropylbenzene-1,3,5-tricarboxamide		
327	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-		
327.	N',N'-diisopropyl-5-methylisophthalamide		
329	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-		
329	3-[(methylsulfonyl)amino]benzamide		
331	N^{1} -[(2R,3S)-3-amino-4-(4-chlorophenyl)-2-hydroxybutyl]- N^{1} -(3-		
331	methoxybenzyl)- N^3 , N^3 -dipropylbenzene-1,3,5-tricarboxamide		
222	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-iodobenzyl)-		
333	2-[4-(2-oxopyrrolidin-1-yl)phenyl]acetamide		
225	N-[(2R,3S)-3-amino-4-(3-chloro-5-fluorophenyl)-2-hydroxybutyl]-3-		
335	[(dipropylamino)sulfonyl]-N-(3-methoxybenzyl)propanamide		
227	[(dipropylamino)surionyl]-N-(3-methoxybenzyl)propanamide		
337	N^1 -[(2R,3S)-3-amino-4-(3-chloro-5-fluorophenyl)-2-hydroxybutyl]- N^1 -(3-		
	methylbutyl)-N ³ ,N ³ -dipropylbenzene-1,3,5-tricarboxamide		
339	HN HN		
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341	,0 N	M [(2D 2C) 2 amino 4 (2 5 diffuserable and) 2	
341	N-5-(")	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-	
) ö LN	hydroxybutyl]-N-(3-ethylbenzyl)-3-{[(1-methyl-	
		1 <i>H</i> -imidazol-4-yl)sulfonyl]amino}benzamide	
	HO	trihydrochloride	
	H ₂ N N		
	F		
	HCI HCI HCI		
343	N-[(2 R ,3 S)-3-amino-4-(3,5-difluorophenyl)-2-		
		hydroxybutyl]-5-methyl-N-pentyl-N',N'-	
		dipropylisophthalamide	
	ő		
	HO >=0		
	H ₂ N \ \ \ \ \ \ \ \ \		
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345	M ¹ [(2P 2S) 2 oming 4 (4 flygraphonyl) 2 lool 12 2V (2		
343	N^1 -[(2R,3S)-3-amino-4-(4-fluorophenyl)-2-hydroxybutyl]- N^1 -(3-		
347	methoxybenzyl)-N ³ ,N ³ -dipropylbenzene-1,3,5-tricarboxamide		
J -1 /	<i>N</i> -[(2 <i>R</i> ,3 <i>S</i>)-3-amino-4-(3-chloro-5-fluorophenyl)-2-hydroxybutyl]- <i>N</i> -benzyl-5-methyl- <i>N</i> ', <i>N</i> '-dipropylisophthalamide		
349	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N'-cyclohexyl-N'-		
	ethyl-N-(3-ethylbenzyl)-5-methylisophthalamide		
351	$2-([(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]{3-$		
	[(dipropylamino)carbonyl]-5-m	nethylbenzoyl}amino)ethyl (2,4-	
	difluorophenyl)carbamate		
353	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-		
	3-{[(2S)-2-(methoxymethyl)pyrrolidin-1-yl]carbonyl}-5-methylbenzamide		
	hydrochloride		
355	N^{1} -[(2R,3S)-3-amino-4-(3-fluoro-4-methylphenyl)-2-hydroxybutyl]- N^{1} -(3-		
٦٠٥	$N = \{(2\pi, 35) = 3 - \text{amino-4-}(3 - \text{fluoro-4-methylphenyl}) = 2 - \text{hydroxybutyl} = N^3 - (3 - \text{methoxybenzyl}) = N^3 - \text{dipropylbenzene-1,3,5-tricarboxamide}$		
357	N^1 -[(2R,3S)-3-amino-4-(3-bromophenyl)-2-hydroxybutyl]- N^1 -(3-methylbutyl)-		
	N^3 , N^3 -dipropylbenzene-1,3,5-tricarboxamide		
359	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-		
	2,8-dimethylquinoline-3-carboxamide		
361	N-[(2 R ,3 S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- N -(6-		
	hydroxyhexyl)-5-methyl-N',N'-dipropylisophthalamide		
363	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-[(2R)-2-		
	N-[(2R)-3-annio-4-(3,3-annio-opnenyl)-2-nydroxybutyl]- N -[(2R)-2-hydroxypropyl]-5-methyl- N ', N '-dipropylisophthalamide		
365	N-[(2R,3S)-3-amino-2-hydroxy-4-phenylbutyl]-N-(3-methoxybenzyl)-3-[(1-		
	propylbutyl)sulfonyl]propanam	ide	
367	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-		
201	3-{[(2-hvdroxy-1 1-dimethyleth	autophonyij-2-nydiuxyudiyij-iv-(3-ethyidenzyi)-	
369	3-{[(2-hydroxy-1,1-dimethylethyl)amino]sulfonyl}benzamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-methyl-N-(4-		
	phenylbutyl)-N',N'-dipropylisophthalamide		
	phony to acy 17-21 gra - diptopy insorptimate inities		

371	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-7-(1H-imidazol-1-		
371	yl)-N-(3-iodobenzyl)-5,6-dihydronaphthalene-2-carboxamide		
373	3-(acetylamino)- N -[(2 R ,3 S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- N -		
373	(3-ethylbenzyl)-4-methylbenzamide		
375	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-[2-		
373	(aminosulfonyl)ethyl]-5-methyl-N',N'-dipropylisophthalamide		
377	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-[2-		
311	(ethylthio)ethyl]-5-methyl-N',N'-dipropylisophthalamide		
379			
3/9	N-[(2R,3S)-3-amino-4-cyclohexyl-2-hydroxybutyl]-N-(3-methoxybenzyl)-5-		
381	methyl-N',N'-dipropylisophthalamide		
381	·		
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383	N-[(2 R ,3 S)-3-amino-4-(3,5-difluorophenyl)-2		
	hydroxybutyl]-N-(2-hydroxypropyl)-5-methyl-		
	N, N-dipropylisophthalamide		
	NH ₂		
	HO F		
205	F 1 25 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1		
385	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-		
207	butoxypropyl)-5-methyl-N',N-dipropylisophthalamide		
387	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-		
200	3-{[2-(2-hydroxyethyl)piperidin-1-yl]carbonyl}-5-methylbenzamide		
389	methyl N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-{3-		
-	[(dipropylamino)carbonyl]-5-methylbenzoyl}-β-alaninate		
391	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-		
205	3-(1-hydroxy-2-propylpentyl)benzamide		
393	N^{1} -[(2R,3S)-3-amino-4-(3-chloro-5-fluorophenyl)-2-hydroxybutyl]- N^{1} -benzyl-		
	N^3 , N^3 -dipropylbenzene-1,3,5-tricarboxamide		
395	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-		
	4-[(methylsulfonyl)amino]butanamide trifluoroacetate (salt)		
397	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-[3-(1-4)-1		
	benzothien-2-yl)benzyl]-5-methyl-N',N'-dipropylisophthalamide		
399	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-(benzyloxy)-N-		
1	(3-ethylbenzyl)isoxazole-5-carboxamide		

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403	1 (2 ([[(2]) 2 (2) 2		
403	1-(3-{[[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl](3-		
105	ethylbenzyl)amino]carbonyl}-5-methylbenzoyl)-D-prolinamide		
405	N-[(2R,3S)-3-amino-4-(3,5-di)]	fluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-	
	5-(1 <i>H</i> -pyrazol-1-yl)pentanamide		
407	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-		
	1-(2-furylmethyl)-5-oxopyrrol	lidine-3-carboxamide	
409	N-[(2 R ,3 S)-3-amino-2-hydrox	y-4-phenylbutyl]-2-ethyl-N-(3-	
	methoxybenzyl)hexanamide h		
411		fluorophenyl)-2-hydroxybutyl]-N-(5-	
413	hydroxypentyl)-5-methyl- N' , N' -dipropylisophthalamide N^{I} -[(2 R ,3 S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- N^{I} -(3-		
	$N = (2N,3S) - 3 - annio - 4 - (3,3 - dinuolophenyl) - 2 - nydroxybutyl] - N^3 - N^3 - dipropylpiperidine - 1,3 - dicarboxamide$		
415	$N^{1} = \{(2R, 3, 0), 3, \text{amino } A = \{(2.5, 4), 4\} = \{(2.5,$		
415	N^1 -[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- N^3 , N^3 -diethyl- N^1 -		
417	(3-methoxybenzyl)piperidine-1,3-dicarboxamide		
41/	N-[(2R,3S)-3-amino-2-hydroxy-4-(pentafluorophenyl)butyl]-5-bromo-N',N'-		
110	dipropyl-N-[3-(trifluoromethyl)benzyl]isophthalamide		
419	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-		
	4-[(methylsulfonyl)amino]ben	zamide	
421	F		
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422	0	11.5(0 D.0 C.0)	
423	ФH	N-[(2R,3S)-3-amino-4-(3-bromophenyl)-2-	
	H ₂ N Q N	hydroxybutyl]-3-[(dipropylamino)sulfonyl]-N-	
	N S N	(3-methoxybenzyl)propanamide	
	Br O	·	
425	N-[(2R,3S)-3-amino-2-hydroxy]	-4-(2-thienyl)butyl]-3-[(dipropylamino)sulfonyl]-	
	N-(3-methoxybenzyl)propanan	nide	
427	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-		
	ethoxypropyl)-5-methyl-N',N'-dipropylisophthalamide		
429	N-[(2 R ,3 S)-3-amino-2-hydroxy	-4-(2-thienyl)butyl]-N-benzyl-5-methyl-N',N'-	

	dipropylisophthalamide		
431			
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	, ONH		
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	F		
433	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-		
433	2-hydroxy-4-(phenylsulfonyl)butanamide hydrochloride		
125	N^{1} -[(2R,3S)-3-amino-4-(3,5-dichlorophenyl)-2-hydroxybutyl]- N^{1} -(3-		
435	methylbutyl)- N^3 , N^3 -dipropylbenzene-1,3,5-tricarboxamide		
	methylbutyl)-//,// -dipropylbelizene-1,5,5-tricarooxamue		
437	N^{1} -{(2R,3S)-3-amino-2-hydroxy-4-[3-(trifluoromethoxy)phenyl]butyl}- N^{1} -(3-		
	methoxybenzyl)-N ³ ,N ³ -dipropylbenzene-1,3,5-tricarboxamide		
438	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3,3-1),(3,5)]$		
	dimethylbutyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-		
	methylbenzoate		
440	(1R,2S)-2-amino-1-[(benzylamino)methyl]-3-(3-bromophenyl)propyl 3-		
	(aminocarbonyl)-5-[(dipropylamino)carbonyl]benzoate		
442	$(1R,2S)$ -2-amino-3-(3-chloro-5-fluorophenyl)-1-{[(3-		
	methylbutyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-		
	methylbenzoate		
444	F _v F		
7-7-7			
	H_2N \uparrow \uparrow \uparrow \uparrow \uparrow \uparrow \uparrow \uparrow \uparrow \uparrow		
446	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(1,3-$		
-, -, 0	diphenylpropyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-		
	methylbenzoate		
448	methylbenzoate $(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $(\{[(1S)$ -1-		
448	(1K,25)-2-amino-5-(5,5-unituotophichy)-1-({[(15)-1-		
	(hydroxymethyl)propyl]amino)methyl)propyl 3-		
450	[(dipropylamino)carbonyl]benzoate		
450	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $(\{[(3S)$ -2-oxoazepan-3-		
	yl]amino}methyl)propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate		
452	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3-$		
	ethylbenzyl)amino]methyl}propyl 5-(cyclohexylamino)-5-oxopentanoate		
454	$(1R,2S)$ -2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-(3-		
	methylphenyl)propyl 3-(aminocarbonyl)-5-[(dipropylamino)carbonyl]benzoate		
456	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3-$		
	ethylbenzyl)amino]methyl}propyl N-[(2-propylpentyl)sulfonyl]- β-alaninate		
	trifluoroacetate		

460 Helicolumn of the properties of the propert	450	T	_	
3-(1,3-thiazol-2-yl)benzoate dihydrochloride 460 HCI (1R,2S)-2-amino-3-(2-furyl)-1-{[(3-methoxybenzyl)amino]methyl}propyl [(dipropylamino)carbonyl]-5-methylbenzoate 462 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-[(3-methyl(phenyl)amino)propyl) amino)methyl)propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate 464 (1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-(4-methylphenyl)propyl 3-(aminocarbonyl)-5-[(dipropylamino)carbonyl]benzoate 466 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 5-oxo-1-(2-thienylmethyl)pyrrolidine-3-carboxylate 468 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 4-[(burylthio)methyl]-5-methyl-2-furoate 470 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 3-{[(2-hydroxyethyl)amino]sulfonyl}benzo(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 3-{[(2-hydroxyethyl)amino]sulfonyl}benzo(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl N-[3-(trifluoromethyl)benzoyl]glycinate	458	\$	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-	
dihydrochloride Hold		N N		
460 HCI HCI (1R,2S)-2-amino-3-(2-furyl)-1-{[(3-methoxybenzyl)amino]methyl}propyl [(dipropylamino)carbonyl]-5-methylbenzoate 462 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-[((3-[methyl(phenyl)amino)propyl)amino)methyl]propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate 464 (1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-(4-methylphenyl)propyl 3-(aminocarbonyl)-5-[(dipropylamino)carbonyl]benzoat 466 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 5-oxo-1-(2-thienylmethyl)pyrrolidine-3-carboxylate 468 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 4-[(butylthio)methyl]-5-methyl-2-furoate 470 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 3-[(2-hydroxyethyl)amino]sulfonyl}benzotenzouthylbenzyl)amino]methyl propyl N-[3-(trifluoromethyl)benzoyl]glycinate				
460 Hcl (1R,2S)-2-amino-3-(2-furyl)-1-{[(3-methoxybenzyl)amino]methyl}propyl [(dipropylamino)carbonyl]-5-methylbenzoate (1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-(4-methylphenyl)propyl 3-(aminocarbonyl)-5-[(dipropylamino)carbonyl]benzoate (1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-(4-methylphenyl)propyl 3-(aminocarbonyl)-5-[(dipropylamino)carbonyl]benzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 5-oxo-1-(2-thienylmethyl)pyrrolidine-3-carboxylate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 4-[(butylthio)methyl]-5-methyl-2-furoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 3-{[(2-hydroxyethyl)amino]sulfonyl}benzo(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl N-[3-(trifluoromethyl)benzoyl]glycinate			dihydrochloride	
460 HCI (1R,2S)-2-amino-3-(2-furyl)-1-{[(3-methoxybenzyl)amino]methyl}propyl [(dipropylamino)carbonyl]-5-methylbenzoate 462 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-[({3-[methyl(phenyl)amino]propyl}amino)methyl]propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate 464 (1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-(4-methylphenyl)propyl 3-(aminocarbonyl)-5-[(dipropylamino)carbonyl]benzoate 466 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 5-oxo-1-(2-thienylmethyl)pyrrolidine-3-carboxylate 468 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 4-[(butylthio)methyl]-5-methyl-2-furoate 470 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-[([3-ethylbenzyl)amino]methyl)propyl 3-{[(2-hydroxyethyl)amino]sulfonyl}benzoden (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-[([3-ethylbenzyl)amino]methyl)propyl N-[3-(trifluoromethyl)benzoyl]glycinate				
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460 460 (1R,2S)-2-amino-3-(2-furyl)-1-{[(3-methoxybenzyl)amino]methyl}propyl [(dipropylamino)carbonyl]-5-methylbenzoate 462 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-[({3-methyl(phenyl)amino]propyl}amino)methyl]propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate 464 (1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-(4-methylphenyl)propyl 3-(aminocarbonyl)-5-[(dipropylamino)carbonyl]benzoate 466 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 5-oxo-1-(2-thienylmethyl)pyrrolidine-3-carboxylate 468 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 4-[(butylthio)methyl]-5-methyl-2-furoate 470 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 3-{[(2-hydroxyethyl)amino]sulfonyl}benzo(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl N-[3-(trifluoromethyl)benzoyl]glycinate			·	
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460 460 (1R,2S)-2-amino-3-(2-furyl)-1-{[(3-methoxybenzyl)amino]methyl}propyl [(dipropylamino)carbonyl]-5-methylbenzoate 462 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-[({3-methyl(phenyl)amino]propyl}amino)methyl]propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate 464 (1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-(4-methylphenyl)propyl 3-(aminocarbonyl)-5-[(dipropylamino)carbonyl]benzoate 466 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 5-oxo-1-(2-thienylmethyl)pyrrolidine-3-carboxylate 468 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 4-[(butylthio)methyl]-5-methyl-2-furoate 470 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 3-{[(2-hydroxyethyl)amino]sulfonyl}benzo(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl N-[3-(trifluoromethyl)benzoyl]glycinate				
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462 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-[((3-methoxybenzyl)amino]methyl) propyl [(dipropylamino)carbonyl]-5-methylbenzoate 462 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-[((3-[methyl(phenyl)amino]propyl) amino)methyl) propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate 464 (1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-(4-methylphenyl)propyl 3-(aminocarbonyl)-5-[(dipropylamino)carbonyl]benzoat 466 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl} propyl 5-oxo-1-(2-thienylmethyl)pyrrolidine-3-carboxylate 468 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl} propyl 4-[(butylthio)methyl]-5-methyl-2-furoate 470 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl} propyl 3-{[(2-hydroxyethyl)amino]sulfonyl} benzo (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl} propyl 3-{[(2-hydroxyethyl)amino]sulfonyl} benzo (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl} propyl N-[3-(trifluoromethyl)benzoyl]glycinate		F HCI		
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462 (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-[({3-[methyl(phenyl)amino]propyl}amino)methyl]propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate 464 (1 <i>R</i> ,2 <i>S</i>)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-(4-methylphenyl)propyl 3-(aminocarbonyl)-5-[(dipropylamino)carbonyl]benzoat 466 (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 5-oxo-1-(2-thienylmethyl)pyrrolidine-3-carboxylate 468 (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 4-[(butylthio)methyl]-5-methyl-2-furoate 470 (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 3-{[(2-hydroxyethyl)amino]sulfonyl}benzo(1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 3-{((2-hydroxyethyl)amino]sulfonyl}benzo(1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl <i>N</i> -[3-(trifluoromethyl)benzoyl]glycinate	1		methoxybenzyl)aminolmethyl}propyl 3-	
462 (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-[({3-[methyl(phenyl)amino]propyl}amino)methyl]propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate 464 (1 <i>R</i> ,2 <i>S</i>)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-(4-methylphenyl)propyl 3-(aminocarbonyl)-5-[(dipropylamino)carbonyl]benzoat 466 (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 5-oxo-1-(2-thienylmethyl)pyrrolidine-3-carboxylate 468 (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 4-[(butylthio)methyl]-5-methyl-2-furoate 470 (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 3-{[(2-hydroxyethyl)amino]sulfonyl}benzo(1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl <i>N</i> -[3-(trifluoromethyl)benzoyl]glycinate		N O HAN	[(dipropylamino)carbonyl]-5-	
462 (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-[({3-[methyl(phenyl)amino]propyl}amino)methyl]propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate 464 (1 <i>R</i> ,2 <i>S</i>)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-(4-methylphenyl)propyl 3-(aminocarbonyl)-5-[(dipropylamino)carbonyl]benzoat 466 (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 5-oxo-1-(2-thienylmethyl)pyrrolidine-3-carboxylate 468 (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 4-[(butylthio)methyl]-5-methyl-2-furoate 470 (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 3-{[(2-hydroxyethyl)amino]sulfonyl}benzo 472 (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl <i>N</i> -[3-(trifluoromethyl)benzoyl]glycinate				
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[methyl(phenyl)amino]propyl} amino)methyl]propyl 3- [(dipropylamino)carbonyl]-5-methylbenzoate 464 (1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-(4- methylphenyl)propyl 3-(aminocarbonyl)-5-[(dipropylamino)carbonyl]benzoat 466 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3- ethylbenzyl)amino]methyl}propyl 5-oxo-1-(2-thienylmethyl)pyrrolidine-3- carboxylate 468 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3- ethylbenzyl)amino]methyl}propyl 4-[(butylthio)methyl]-5-methyl-2-furoate 470 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3- ethylbenzyl)amino]methyl}propyl 3-{[(2-hydroxyethyl)amino]sulfonyl}benzo 472 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3- ethylbenzyl)amino]methyl}propyl N-[3-(trifluoromethyl)benzoyl]glycinate	į	o		
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[(dipropylamino)carbonyl]-5-methylbenzoate (1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-(4-methylphenyl)propyl 3-(aminocarbonyl)-5-[(dipropylamino)carbonyl]benzoat (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 5-oxo-1-(2-thienylmethyl)pyrrolidine-3-carboxylate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 4-[(butylthio)methyl]-5-methyl-2-furoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 3-{[(2-hydroxyethyl)amino]sulfonyl}benzo (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl N-[3-(trifluoromethyl)benzoyl]glycinate	402	(1Λ,Δυ)-Δ-amino-3-(3,3-difiuorophenyi)-1-[({3-		
464 (1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-(4-methylphenyl)propyl 3-(aminocarbonyl)-5-[(dipropylamino)carbonyl]benzoat 466 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 5-oxo-1-(2-thienylmethyl)pyrrolidine-3-carboxylate 468 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 4-[(butylthio)methyl]-5-methyl-2-furoate 470 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 3-{[(2-hydroxyethyl)amino]sulfonyl}benzo 472 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl N-[3-(trifluoromethyl)benzoyl]glycinate	ĺ	[(dipropylamino)carbonyl]-5-methylbenzoate		
methylphenyl)propyl 3-(aminocarbonyl)-5-[(dipropylamino)carbonyl]benzoat 466 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 5-oxo-1-(2-thienylmethyl)pyrrolidine-3-carboxylate 468 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 4-[(butylthio)methyl]-5-methyl-2-furoate 470 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 3-{[(2-hydroxyethyl)amino]sulfonyl}benzo 472 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl N-[3-(trifluoromethyl)benzoyl]glycinate	161			
466 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 5-oxo-1-(2-thienylmethyl)pyrrolidine-3-carboxylate 468 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 4-[(butylthio)methyl]-5-methyl-2-furoate 470 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 3-{[(2-hydroxyethyl)amino]sulfonyl}benzo 472 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl N-[3-(trifluoromethyl)benzoyl]glycinate	707	methylphonyl) propyl 2 (omino and a way	71)aminojmetnyi}-3-(4-	
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470 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 3-{[(2-hydroxyethyl)amino]sulfonyl}benzo (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl N-[3-(trifluoromethyl)benzoyl]glycinate		ethylbenzyl)aminolmethyl\propyl 4-[(butylthio\mothyl\ 5 mothyl\ 2 6		
ethylbenzyl)amino]methyl}propyl 3-{[(2-hydroxyethyl)amino]sulfonyl}benzol (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl N-[3-(trifluoromethyl)benzoyl]glycinate	470	(1R 2S)-2-amino-3-(3 5-diffuorophenyl) 1 (1/2		
(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl N-[3-(trifluoromethyl)benzoyl]glycinate		ethylhenzyl)aminolmethyl)nronyl 3-{[(2-hydrovyathyl)aminolaul61)}		
ethylbenzyl)amino]methyl}propyl N-[3-(trifluoromethyl)benzoyl]glycinate	472	(1R 2S)-2-amino-3-(3 5-diffuoronbenyl) 1 (1/2		
474 (170) (170	· · -	ethylbenzyl)aminolmethyl}propyl N-[3-(trifluoromethyl)banzayllali		
(4/4)(R/N)-2-amino-3-(3.5-difluorophenyl) 1 (R/2	474	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-		
methylcyclohexyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-	• • •			
methylbenzoate		methylbenzoate	/1 3-[(dipropylamino)carbonyl]-5-	
476 (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-	476			
	₹/ U .	ethylhenzyl)aminolmathyl)14 (2))-1-{[(3-	
ethylbenzyl)amino]methyl}propyl 4-(2-oxo-1,3-oxazolidin-3-yl)benzoate 478 (1R.2S)-2-amino-3-(3.5-difluorophenyl)-1-{[(3-	478	(1P.28) 2 omino 2 (2.5 distance 1.1)	-0x0-1,3-0xazolidin-3-yl)benzoate	
	7/0	ethylhonorallominal additional and the state of the state)-1-{[(3-	
ethylbenzyl)amino]methyl}propyl 4-(1 <i>H</i> -pyrrol-1-yl)benzoate (1 <i>R</i> .2 <i>S</i>)-2-amino-3-(3.5-difluorophenyl)-1-{[(6-methoxy-1, 2, 3, 4-	480	(1) 250 2 2 (2.5.1)	H-pyrrol-1-yl)benzoate	
("-,, - " b (b) without phony 1 1 (0 inchiox y-1,2,5,4	400	(1x,23)-2-amino-3-(3,5-difluorophenyl)-1-{[(6-methoxy-1,2,3,4-	
methyllanger at a methyllanger		tetrahydronaphthalen-1-yl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-		
	482	methylbenzoate		
$+62$ [(1 κ ,2 δ)-2-amino-3-(3,5-diffuorophenyl)-1-{[(3-	40Z	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-		

	•
	ethylbenzyl)amino]methyl}propyl 1,3,4,5-tetrahydrothiopyrano[4,3-b]indole-8-
	carboxylate
484	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3-$
	ethylbenzyl)amino]methyl}propyl 4-oxo-4-{[2-
	(trifluoromethyl)phenyl]amino}butanoate
486	(1R,2S)-2-amino-3-(3-bromophenyl)-1-{[(3-methylbutyl)amino]methyl}propyl
	3-[(dipropylamino)carbonyl]-5-methylbenzoate
488	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3$ -
	ethylbenzyl)amino]methyl}propyl 4,5-dimethyl-2-(1H-pyrrol-1-yl)thiophene-3-
	carboxylate
490	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(2,3-$
	dihydroxypropyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-
	methylbenzoate
492	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $(\{[(2S)-2-(2S)-2-(2S)-(2S)-(2S)-(2S)-(2S)-($
	hydroxypropyl]amino}methyl)propyl 3-[(dipropylamino)carbonyl]-5-
	methylbenzoate
494	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $(\{[(1R)-1-$
	methylpropyl]amino}methyl)propyl 3-[(dipropylamino)carbonyl]-5-
	methylbenzoate
496	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3$ -
	ethylbenzyl)amino]methyl}propyl 2-chloro-4-(methylsulfonyl)benzoate
498	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(2$ -
	hydroxyethyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-
	methylbenzoate
500	$(1R,2S)$ -2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-(3-
	methoxyphenyl)propyl 3-[(dipropylamino)sulfonyl]propanoate
502	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3$ -
	ethylbenzyl)amino]methyl}propyl 3-
	{methyl[(trifluoromethyl)sulfonyl]amino}benzoate hydrochloride
504	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl 3-hydroxy-6-(1-hydroxy-2,2-
	dimethylpropyl)pyridine-2-carboxylate
506	$(1R,2S)$ -2-amino-1-{[(1,3-dicyclohexylpropyl)amino]methyl}-3-(3,5-
	difluorophenyl)propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate
508	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl 2,2'-bithiophene-5-carboxylate
510	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl 4-(1H-imidazol-1-yl)butanoate
512	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3$ -
312	ethylbenzyl)amino]methyl}propyl 2,3-dihydroxy-4-[(4-methoxyphenyl)amino]-
	4-oxobutanoate
514	(1R,2S)-2-amino-1-[(benzylamino)methyl]-3-(4-hydroxyphenyl)propyl 3-
	[(dipropylamino)carbonyl]-5-methylbenzoate
516	(1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-[3-
1010	(trifluoromethyl)phenyl]propyl 3-(aminocarbonyl)-5-
	[(dipropylamino)carbonyl]benzoate
518	(1R,2S)-2-amino-1-[(benzylamino)methyl]-3-(2-thienyl)propyl 3-
316	(aminocarbonyl)-5-[(dipropylamino)carbonyl]benzoate
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520	(1R,2S)-2-amino-1-({[2-(aminocarbonyl)-1H-indol-6-yl]amino}methyl)-3-(3,5-difluorophenyl)propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate
522	(1R,2S)-2-amino-1-[(benzylamino)methyl]-3-(3-bromophenyl)propyl 3- [(dipropylamino)carbonyl]-5-methylbenzoate
524	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3-$
	ethylbenzyl)amino]methyl}propyl N-[4-(trifluoromethyl)benzoyl]glycinate
526	(1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl 2-(1-oxo-1,3-dihydro-2H-isoindol-2-
	yl)butanoate
528	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3-$
	ethylbenzyl)amino]methyl}propyl N-(3,4-dichlorobenzoyl)glycinate
530	(1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl 3-chloro-4-(methylsulfonyl)thiophene-2-
	carboxylate
532	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(1-
	ethylpropyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-
	methylbenzoate
534	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $[(\{[(5R)$ -3-ethyl-2-oxo-1,3-
	oxazolidin-5-yl]methyl}amino)methyl]propyl 3-[(dipropylamino)carbonyl]-5-
	methylbenzoate
536	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl 5-methyl-7-(trifluoromethyl)pyrazolo[1.5-
	a pyrimidine-2-carboxylate
538	(1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-phenylpropyl N-
	[(methylthio)acetyl]-3-[(1-propylbutyl)sulfonyl]alaninate hydrochloride
540	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(2,3-$
	dimethylcyclohexyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-
	methylbenzoate
542	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3$ -
	ethylbenzyl)amino]methyl}propyl 4,5-dimethoxy-1-benzothiophene-2-
	carboxylate
544	(1R,2S)-2-amino-3-[3-fluoro-5-(trifluoromethyl)phenyl]-1-{[(3-
	methylbutyl)amino]methyl}propyl 3-(aminocarbonyl)-5-
	[(dipropylamino)carbonyl]benzoate
546	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $[(\{[(5S)$ -3-ethyl-2-oxo-1,3-
	oxazolidin-5-yl]methyl}amino)methyl]propyl 3-[(dipropylamino)carbonyl]-5-
540	methylbenzoate
548	(1R,2S)-2-amino-3-(1,3-benzodioxol-5-yl)-1-{[(3-
	methoxybenzyl)amino]methyl}propyl 3-(aminocarbonyl)-5-
	[(dipropylamino)carbonyl]benzoate
550	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
5.50	ethylbenzyl)amino]methyl}propyl 4-(3,5-dioxo-1,2,4-triazolidin-4-yl)benzoate
552	(1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-phenylpropyl 2-
	hydroxy-3-[(3-methoxyphenyl)sulfonyl]propanoate hydrochloride

554	P N N N N N N N N N N N N N N N N N N N	
556	H ₂ N H N F	(1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)- 1-{[(2- methylcyclohexyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5- methylbenzoate
558		(1R,2S)-2-amino-1-{[(2-{4-[(3-chlorobenzyl)oxy]phenyl}ethyl)amino]methyl}-3-(3,5-difluorophenyl)propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate
560	(1R,2S)-2-amino-3-(3,5-difluoropheny	yl)-1-{[(3- ydroxy-4-oxo-4-(3-thienyl)butanoate
562	(1R,2S)-2-amino-3-[3-(benzyloxy)-5-methoxybenzyl)amino]methyl}propyl [(dipropylamino)carbonyl]benzoate	fluorophenyl]-1-{[(3- 3-(aminocarbonyl)-5-
564	(1R,2S)-2-amino-3-(3,5-difluoropheny ethylbenzyl)amino]methyl}propyl 2-h (trifluoromethyl)phenyl]butanoate	ydroxy-4-oxo-4-[3-
566	(1R,2S)-2-amino-1-{[(3-methylbutyl)a (trifluoromethoxy)phenyl]propyl 3-(a [(dipropylamino)carbonyl]benzoate	minocarbonyl)-5-
568	(1R,2S)-2-amino-3-(3,5-difluoropheny (methylthio)propyl]amino}methyl)promethylbenzoate	opyl 3-[(dipropylamino)carbonyl]-5-
570	(1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenethylbenzyl)amino]methyl}propyl 2-(yl)-1-{[(3- 1 <i>H</i> -1,2,3-benzotriazol-1-yl)hexanoate
572	(1R,2S)-2-amino-3-(3-fluoro-4-methyl methylbutyl)amino]methyl}propyl 3-((dipropylamino)carbonyl]benzoate	lphenyl)-1-{[(3- (aminocarbonyl)-5-
574	(1R,2S)-2-amino-3-(3,5-difluorophenethylbenzyl)amino]methyl}propyl 3-(2-{[(1-propylbutyl)sulfonyl]methyl}p	4,4-dimethyl-2,5-dioxoimidazolidin-1-yl)-

	
576	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3$ -
	ethylbenzyl)amino]methyl}propyl 4-
	{[(trifluoromethyl)sulfonyl]amino}butanoate trifluoroacetate
578	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3-$
	ethylbenzyl)amino]methyl}propyl (5-methyl-1,3-dioxo-1,3-dihydro-2H-isoindol
	2-yl)acetate
580	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
	hydroxypropyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-
	methylbenzoate
582	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-({[1-
İ	(hydroxymethyl)propyl]amino}methyl)propyl 3-[(dipropylamino)carbonyl]-5-
	methylbenzoate
584	(1R,2S)-2-amino-1-[(benzylamino)methyl]-3-(3,5-dichlorophenyl)propyl 3-
	(aminocarbonyl)-5-[(dipropylamino)carbonyl]benzoate
586	(1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-phenylpropyl 3-{[(2-
700	hydroxyethyl)(propyl)amino]sulfonyl}propanoate hydrochloride
588	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3$ -
	ethylbenzyl)amino]methyl}propyl 5-(benzylthio)nicotinate
590	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3$ -
	ethylbenzyl)amino]methyl}propyl 1H-pyrazole-5-carboxylate
592	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3$ -
	ethylbenzyl)amino]methyl}propyl 6-chloro-3-methyl-2-oxo-2,3-dihydro-1,3-
504	benzoxazole-5-carboxylate
594	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
506	ethylbenzyl)amino]methyl}propyl 1 <i>H</i> -benzimidazole-2-carboxylate
596	(1R,2S)-2-amino-3-cyclohexyl-1-{[(3-methoxybenzyl)amino]methyl}propyl 3-
500	(aminocarbonyl)-5-[(dipropylamino)carbonyl]benzoate
598	(1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl 6-hydroxy-4,7-dimethoxy-1-benzofuran-5-
600	carboxylate
600	(1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{[(4-
	methylcyclohexyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-
602	methylbenzoate
602	(1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
604	ethylbenzyl)amino]methyl}propyl [1,2,4]triazolo[4,3-a]pyridine-6-carboxylate
004	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
606	ethylbenzyl)amino]methyl}propyl 2-hydroxy-4-oxo-4-(2-thienyl)butanoate
000	(1R,2S)-2-amino-1-[(benzylamino)methyl]-3-(3,5-dichlorophenyl)propyl 3-
608	[(dipropylamino)carbonyl]-5-methylbenzoate
008	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl 4-(2-hydroxy-5-methylphenyl)-4-
610	oxobutanoate
010	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
612	ethylbenzyl)amino]methyl}propyl 3-phenoxybenzoate
012	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
614	ethylbenzyl)amino]methyl}propyl 4-[(aminocarbonyl)amino]benzoate
014	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-({[(1S)-1-(hydroxymethyl)-3-
	(methylthio)propyl]amino}methyl)propyl 3-[(dipropylamino)carbonyl]-5-

	methylbenzoate	
616	(1R.2S)-2-amino-3-(3,5-difluoropheny	1)-1-{[(3-
010	ethylbenzyl)amino]methyl}propyl 7-h	ydroxy-4-oxochromane-2-carboxylate
618	(1R,2S)-2-amino-3-(3,5-difluoropheny	$(1)-1-(\{[(1S)-1-(hydroxymethyl)-3-$
010	methylbutyl]amino}methyl)propyl 3-[(dipropylamino)carbonyl]-5-
	methylbenzoate	
620	(1R,2S)-2-amino-3-(3,5-difluoropheny	$(1)-1-(\{[(1R)-1-$
	(hydroxymethyl)propyl]amino}methyl)propyl 3-
	[(dipropylamino)carbonyl]benzoate	
622	(1R,2S)-2-amino-3-(3,5-difluoropheny	1)-1-{[(1-methyl-3-
	phenylpropyl)amino]methyl}propyl 3-	·[(dipropylamino)carbonyl]-5-
	methylbenzoate	
439	N-[(2R,3S)-3-amino-4-(3,5-difluoroph	enyl)-2-hydroxybutyl]-N-(3,3-
	dimethylbutyl)-5-methyl-N',N'-dipropy	ylisophthalamide
441	N^{1} -[(2R,3S)-3-amino-4-(3-bromophen	yl)-2-hydroxybutyl]- N '-benzyl- N ', N '-
	dipropylbenzene-1,3,5-tricarboxamide	·
443	N-[(2 R ,3 S)-3-amino-4-(3-chloro-5-flu	orophenyl)-2-hydroxybutyl]-5-methyl-N-
	(3-methylbutyl)-N',N'-dipropylisophth	alamide
445		
	NH2 OH	
447		N-[(2R,3S)-3-amino-4-(3,5-
' ' '	\	difluorophenyl)-2-hydroxybutyl]-N-(1,3-
	N—	diphenylpropyl)-5-methyl-N',N'-
		dipropylisophthalamide
	o=\	
	HO N	
	H ₂ N—	
	F—	
449	F HQ /	N-[(2R,3S)-3-amino-4-(3,5-
' '		difluorophenyl)-2-hydroxybutyl]-N-[(1S)-
	N N OH	1-(hydroxymethyl)propyl]-N',N'-
	, ° , ~ (dipropylisophthalamide
	F—NH ₂	
	F	
451	N-[(2R,3S)-3-amino-4-(3,5-difluoropl	nenyl)-2-hydroxybutyl]-5-methyl-N-[(3S)-
	2-oxoazenan-3-vll-N'.N'-dipropylisop	hthalamide
453	N-[(2R,3S)-3-amino-4-(3,5-difluoropl	nenyl)-2-hydroxybutyl]-N'-cyclohexyl-N-
	(3-ethylbenzyl)pentanediamide	
455	N^{1} -[(2R,3S)-3-amino-2-hydroxy-4-(3-	-methylphenyl)butyl]- N' -(3-
	methoxybenzyl)-N ³ ,N ³ -dipropylbenze	ene-1,3,5-tricarboxamide

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457	N^{1} -[(2R,3S)-3-amino-4-(3,5-difluoro	ophenyl)-2-hydroxybutyll-N ¹ -(3-
Ī	ethylbenzyl)-N ³ -[(2-propylpentyl)su	lfonyl]- β-alaninamide trifluoroacetate (salt)
459	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbe	
	3-(1,3-thiazol-2-yl)benzamide dihyd	rochloride
461	N [(2P 2 S) 2 aming 4 (2 family 2 la	Tochloride
401	N-[(2K,55)-5-ammo-4-(2-mryl)-2-ny	ydroxybutyl]-N-(3-methoxybenzyl)-5-
450	methyl-N',N'-dipropylisophthalamide	e
463	N-[(2R,3S)-3-amino-4-(3,5-difluorop	ohenyl)-2-hydroxybutyl]-5-methyl-N-{3-
	$[methyl(phenyl)amino]propyl}-N',N'$	'-dipropylisophthalamide
465	N'-[(2R,3S)-3-amino-2-hydroxy-4-(2	1-methylnhenyl)hutyll_N ¹ -(3-
L	methoxybenzyl)- N^3 , N^3 -dipropylbenz	ene-1.3.5-tricarboxamide
467	N-[(2R,3S)-3-amino-4-(3,5-difluoror	henyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-
	5-oxo-1-(2-thienylmethyl)pyrroliding	e-3-carboxamide
469	N-[(2 R ,3 S)-3-amino-4-(3,5-difluorop	shenvel 2 hydrographyte 17 4
	[(butylthio)methyl]-N-(3-ethylbenzyl	1) 5 m other! 2 feet 11
471	$N = \frac{1}{2} $	1)-3-memyi-2-ruramide
7/1	2 ((2 h-st-s-s-41-1) - 3 16 17	henyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-
472	3-{[(2-hydroxyethyl)amino]sulfonyl	benzamide
473	IF A II A	
	F T N YO	
	ŌH OH	
l	H_2N	
	F	
	<u>Y</u>	
475	F T	WIND OF C
775		N-[(2R,3S)-3-amino-4-(3,5-
		difluorophenyl)-2-hydroxybutyl]-5-
	N N	methyl-N-(3-methylcyclohexyl)-N',N'-
<u> </u>	0 >0	dipropylisophthalamide
	ŌH /	
i	H_2N $\stackrel{}{\searrow}$ $\stackrel{}{N}$	
	F—(·
	F	
477	N-[(2R,3S)-3-amino-4-(3.5-difluoron)	nenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-
	4-(2-oxo-1,3-oxazolidin-3-yl)benzami	ide
479		nenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-
_	4-(1 <i>H</i> -pyrrol-1-yl)benzamide	ichyr)-2-nydroxydutyrj-w-(3-ethyrbenzyr)-
481		21 21 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
701	1 2 2 4 totroby/dromouleth-1-1 1 5	enyl)-2-hydroxybutyl]-N-(6-methoxy-
483	1,2,3,4-tetrahydronaphthalen-1-yl)-5-i	nethyl-N',N'-dipropylisophthalamide
403	N-[(2R,3S)-3-amino-4-(3,5-diffuoroph)]	enyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-
105	1,3,4,5-tetrahydrothiopyrano[4,3-b]ind	dole-8-carboxamide
485	N-[(2R,3S)-3-amino-4-(3,5-difluoroph	enyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-
	N-[2-(trifluoromethyl)phenyl]succinar	mide
487	N-[(2 R ,3 S)-3-amino-4-(3-bromopheny	1)-2-hydroxybutyl]-5-methyl-N-(3-
	methylbutyl)-N',N'-dipropylisophthala	mide
489	N-[(2R,3S)-3-amino-4-(3.5-difluoroph	enyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-
	4,5-dimethyl-2-(1 <i>H</i> -pyrrol-1-yl)thioph	ene-3-carboxamide
	у тог т утуппорп	one of out of annue

W-[(2R,35)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(2,3-dihydroxypropyl)-5-methyl-N-N-dipropylisophthalamide		
N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-[(2S)-2-hydroxypropyl]-5-methyl-N/N-dipropylisophthalamide	491	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(2,3-mino-4-(3,5-difluorophenyl)-2-hydroxybutyl-2-hydroxybutyl-2-hydroxybutyl-2-hydroxybutyl-2-hydroxybutyl-2-hydroxybutyl-2-hydroxybutyl-2-hydroxybutyl-2-hydroxybutyl-2-hydroxybutyl-2-hydroxybutyl-2
hydroxypropy]-5-methyl-N/N-dipropylisophthalamide		dihydroxypropyl)-5-methyl-N,N-dipropylisophthalamide
W-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-methyl-N-([1R)-1-methylpropyl]-N/N-dipropylisophthalamide	493	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-[(2S)-2-
1-methylpropyl]-N',N'-dipropylisophthalamide		hydroxypropyl]-5-methyl-N',N'-dipropylisophthalamide
1-methylpropyl]-N',N'-dipropylisophthalamide	495	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-methyl- $N-[(1R)-1]$
W-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-2-chloro-N-(3-ethylbenzyl)-4-(methylsulfonyl)benzamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(2-hydroxyethyl)-5-methyl-N/N-dipropylisophthalamide N-[(2R,3S)-3-amino-2-hydroxy-4-(3-methoxybenzyl)propanamide N-[(2R,3S)-3-amino-2-hydroxy-4-(3-methoxybenzyl)propanamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-3-methyl[(tirfluoromethyl)sulfonyl]amino} benzamide hydrochloride N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-3-hydroxy-6-(1-hydroxy-2,2-dimethylpropyl)pyridine-2-carboxamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2,2-bithiophene-5-carboxamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-4-(1H-imidazol-1-yl)butanamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-4-(1H-imidazol-1-yl)butanamide N-[(2R,3S)-3-amino-2-hydroxy-4-(4-hydroxybhyl)-N-(3-ethylbenzyl)-2,3-dihydroxy-N-(4-methoxyphenyl)succinamide N-[(2R,3S)-3-amino-2-hydroxy-4-(4-hydroxyphenyl)butyl]-N-benzyl-5-methyl-N/N-dipropylisophthalamide N-[(2R,3S)-3-amino-2-hydroxy-4-(4-hydroxyphenyl)butyl]-N-benzyl-N-(3-methoxybenzyl)-N]-N-dipropylbenzene-1,3,5-tricarboxamide N-[(2R,3S)-3-amino-2-hydroxy-4-(2-thienyl)butyl]-N-benzyl-N-dipropylbenzene-1,3,5-tricarboxamide N-[(2R,3S)-3-amino-2-hydroxy-4-(2-thienyl)butyl]-N-benzyl-S-methyl-N/N-dipropylisophthalamide N-[(2R,3S)-3-amino-4-(3-bromophenyl)-2-hydroxybutyl]-N-benzyl-S-methyl-N/N-dipropylisophthalamide N-[(2R,3S)-3-amino-4-(3-bromophenyl)-2-hydroxybutyl]-N-benzyl-S-methyl-N/N-dipropylisophthalamide N-[(2R,3S)-3-amino-4-(3-bromophenyl)-2-hydroxybutyl]-N-benzyl-S-methyl-N/N-dipropylisophthalamide N-[(2R,3S)-3-amino-4-(3-bromophenyl)-2-hydroxybutyl]-N-benzyl-S-methyl-N/N-dipropylisophthalamide N-[(2R,3S)-3-amino-4-(3-bromophenyl)-2-hydroxybutyl]-N-benzyl-S-methyl-N/N-dipropylisophthalamide N-[(2R,3S)-3-amino-4-(3-bromophenyl)-2-h		1-methylpropyl]-N',N'-dipropylisophthalamide
ethylbenzyl)-4-(methylsulfonyl)benzamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(2-hydroxyethyl)-5-methyl-N-N-dipropylisophthalamide N-[(2R,3S)-3-amino-2-hydroxy-4-(3-methoxyphenyl)butyl]-3- [(dipropylamino)sulfonyl]-N-(3-methoxybenzyl)propanamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-3-(methyl[(trifluoromethyl)sulfonyl]mino} benzamide hydrochloride N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-3-hydroxy-6-(1-hydroxy-2,2-dimethylpropyl)pyridine-2-carboxamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2,2'-bithiophene-5-carboxamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2,2'-bithiophene-5-carboxamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-4-(1H-midazol-1-yl)butanamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2,3-dihydroxy-N'-(4-methoxyphenyl)succinamide N-[(2R,3S)-3-amino-2-hydroxy-4-(4-hydroxyphenyl)butyl]-N-benzyl-5-methyl-N-dipropylisophthalamide N-[(2R,3S)-3-amino-2-hydroxy-4-(3-(trifluoromethyl)phenyl]butyl]-N'-(3-methoxybenzyl)-N ³ ,N ³ -dipropylbenzene-1,3,5-tricarboxamide N-[(2R,3S)-3-amino-2-hydroxy-4-(2-thienyl)butyl]-N'-benzyl-N ³ ,N ³ -dipropylbenzene-1,3,5-tricarboxamide N-[(2R,3S)-3-amino-2-hydroxy-4-(2-thienyl)butyl]-N'-benzyl-N-S-difluorophenyl)-2-hydroxybutyl]-N-benzyl-S-methyl-N-N-dipropylisophthalamide N-[(2R,3S)-3-amino-2-hydroxy-4-(2-thienyl)butyl]-N-benzyl-S-methyl-N-N-dipropylisophthalamide	497	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-2-chloro-N-(3-
 N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(2-hydroxyethyl)-5-methyl-N/-dipropylisophthalamide N-[(2R,3S)-3-amino-2-hydroxy-4-(3-methoxyphenyl)butyl]-3-[(dipropylamino)sulfonyl]-N-(3-methoxybenzyl)propanamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-3-{methyl[(trifluoromethyl)sulfonyl]amino} benzamide hydrochloride N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-3-hydroxy-6-(1-hydroxy-2,2-dimethylpropyl)pyridine-2-carboxamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(1,3-dicyclohexylpropyl)-5-methyl-N/N-dipropylisophthalamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2,2'-bithiophene-5-carboxamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-4-(1H-imidazol-1-yl)butanamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2,3-dihydroxy-N'-(4-methoxyphenyl)succinamide N-[(2R,3S)-3-amino-2-hydroxy-4-(4-hydroxyphenyl)butyl]-N-benzyl-5-methyl-N/N-dipropylisophthalamide N-[(2R,3S)-3-amino-2-hydroxy-4-(3-(trifluoromethyl)phenyl]butyl]-N'-(3-methoxybenzyl)-N/N-dipropylbenzene-1,3,5-tricarboxamide N'-[(2R,3S)-3-amino-2-hydroxy-4-(2-thienyl)butyl]-N'-benzyl-N'-(3-methoxybenzyl)-N/N-dipropylbenzene-1,3,5-tricarboxamide N-[2-(aminocarbonyl)-1H-indol-6-yl]-N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-benzyl-5-methyl-N/N-dipropylisophthalamide N-[(2R,3S)-3-amino-4-(3-bromophenyl)-2-hydroxybutyl]-N-benzyl-5-methyl-N/N-dipropylisophthalamide N-[(2R,3S)-3-amino-4-(3-bromophenyl)-2-hydroxybutyl]-N-benzyl-5-methyl-N/N-dipropylisophthalamide 	''	ethylbenzyl)-4-(methylsulfonyl)benzamide
hydroxyethyl)-5-methyl-N',N'-dipropylisophthalamide N-[(2R,3S)-3-amino-2-hydroxy-4-(3-methoxyphenyl)]-3- [(dipropylamino)sulfonyl]-N'-(3-methoxybenzyl)propanamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N'-(3-ethylbenzyl)-3-{methyl[(trifluoromethyl)sulfonyl]amino} benzamide hydrochloride N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N'-(3-ethylbenzyl)-3-hydroxy-6-(1-hydroxy-2,2-dimethylpropyl)pyridine-2-carboxamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N'-(1,3-dicyclohexylpropyl)-5-methyl-N',N'-dipropylisophthalamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2,2'-bithiophene-5-carboxamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-4-(1H-imidazol-1-yl)butanamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2,3-dihydroxy-N'-(4-methoxyphenyl)succinamide N-[(2R,3S)-3-amino-2-hydroxy-4-(4-hydroxyphenyl)butyl]-N-benzyl-5-methyl-N,N-dipropylisophthalamide N-[(2R,3S)-3-amino-2-hydroxy-4-(2-thienyl)butyl]-N'-benzyl-N'-(3-methoxybenzyl)-N',N'-dipropylbenzene-1,3,5-tricarboxamide N-[(2R,3S)-3-amino-2-hydroxy-4-(2-thienyl)butyl]-N'-benzyl-N',N'-dipropylbenzene-1,3,5-tricarboxamide N-[(2R,3S)-3-amino-2-hydroxy-4-(2-thienyl)butyl]-N'-benzyl-N'-benzyl-N',N'-dipropylbenzene-1,3,5-tricarboxamide N-[(2R,3S)-3-amino-4-(3-bromophenyl)-2-hydroxybutyl]-N-benzyl-5-methyl-N',N'-dipropylisophthalamide N-[(2R,3S)-3-amino-4-(3-bromophenyl)-2-hydroxybutyl]-N-benzyl-5-methyl-N',N'-dipropylisophthalamide	499	N-1(2R,3S)-3-amino-4-(3.5-difluorophenyl)-2-hydroxybutyl]-N-(2-
N-[(2R,3S)-3-amino-2-hydroxy-4-(3-methoxyphenyl)propanamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-3-{methyl[(trifluoromethyl)sulfonyl]amino} benzamide hydrochloride N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-3-hydroxy-6-(1-hydroxy-2,2-dimethylpropyl)pyridine-2-carboxamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(1,3-dicyolhexylpropyl)-5-methyl-N,N-dipropylisophthalamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2,2-bithiophene-5-carboxamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-4-(1H-imidazol-1-yl)butanamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2,3-dihydroxy-N-(4-methoxyphenyl)succinamide N-[(2R,3S)-3-amino-2-hydroxy-4-(4-hydroxyphenyl)butyl]-N-benzyl-5-methyl-N,N-dipropylisophthalamide N-[(2R,3S)-3-amino-2-hydroxy-4-(3-(trifluoromethyl)phenyl]butyl]-N-(3-methoxybenzyl)-N-N-3-amino-2-hydroxy-4-(2-thienyl)butyl]-N-benzyl-N-N-dipropylbenzene-1,3,5-tricarboxamide N-[(2R,3S)-3-amino-2-hydroxy-4-(2-thienyl)butyl]-N-benzyl-N-N-dipropylbenzene-1,3,5-tricarboxamide N-[(2R,3S)-3-amino-4-(3-bomophenyl)-2-hydroxybutyl]-N-benzyl-N-N-benzyl-N-N-dipropylisophthalamide N-[(2R,3S)-3-amino-4-(3-bomophenyl)-2-hydroxybutyl]-N-benzyl-N-benzyl-N-benzyl-S-methyl-N,N-dipropylisophthalamide N-[(2R,3S)-3-amino-4-(3-bomophenyl)-2-hydroxybutyl]-N-benzyl-S-methyl-N,N-dipropylisophthalamide N-[(2R,3S)-3-amino-4-(3-bomophenyl)-2-hydroxybutyl]-N-benzyl-S-methyl-N,N-dipropylisophthalamide N-[(2R,3S)-3-amino-4-(3-bomophenyl)-2-hydroxybutyl]-N-benzyl-S-methyl-N,N-dipropylisophthalamide N-[(2R,3S)-3-amino-4-(3-bomophenyl)-2-hydroxybutyl]-N-benzyl-S-methyl-N,N-dipropylisophthalamide N-[(2R,3S)-3-amino-4-(3-bomophenyl)-2-hydroxybutyl]-N-benzyl-S-methyl-N,N-dipropylisophthalamide N-[(2R,3S)-3-amino-4-(3-bomophenyl)-2-hydroxybutyl]-N-benzyl-S-methyl-N-M-dipropylisophthalamide N-[(2R,3S)-3-amino-4-(3-bomophenyl)-2-	',	hydroxyethyl)-5-methyl-N'.N'-dipropylisophthalamide
[(dipropylamino)sulfonyl]-N-(3-methoxybenzyl)propanamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)- 3-{methyl[(trifluoromethyl)sulfonyl]amino} benzamide hydrochloride N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)- 3-hydroxy-6-(1-hydroxy-2,2-dimethylpropyl)pyridine-2-carboxamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(1,3- dicyclohexylpropyl)-5-methyl-N/N-dipropylisophthalamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)- 2,2'-bithiophene-5-carboxamide 1 N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)- 4-(1H-imidazol-1-yl)butanamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)- 2,3-dihydroxy-N'-(4-methoxyphenyl)succinamide N-[(2R,3S)-3-amino-2-hydroxy-4-(4-hydroxyphenyl)butyl]-N-benzyl-5-methyl- N,N-dipropylisophthalamide N-[(2R,3S)-3-amino-2-hydroxy-4-(3-(trifluoromethyl)phenyl]butyl]-N'-(3- methoxybenzyl)-N'3,N'3-dipropylbenzene-1,3,5-tricarboxamide N-[(2R,3S)-3-amino-2-hydroxy-4-(2-thienyl)butyl]-N'-benzyl-N'3,N'3- dipropylbenzene-1,3,5-tricarboxamide N-[(2R,3S)-3-amino-2-hydroxy-4-(2-thienyl)butyl]-N'-benzyl-N'3,N'3- dipropylbenzene-1,3,5-tricarboxamide N-[(2R,3S)-3-amino-4-(3-bromophenyl)-2-hydroxybutyl]-N-dipropylisophthalamide N-[(2R,3S)-3-amino-4-(3-bromophenyl)-2-hydroxybutyl]-N-benzyl-5-methyl-N',N'-dipropylisophthalamide	501	N-[(2R,3S)-3-amino-2-hvdroxy-4-(3-methoxyphenyl)butyl]-3-
N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-3-{methyl[(tirfluoromethyl)sulfonyl]amino} benzamide hydrochloride	""	[(dipropylamino)sulfonyl]-N-(3-methoxybenzyl)propanamide
3-{methyl[(trifluoromethyl)sulfonyl]amino} benzamide hydrochloride N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)- 3-hydroxy-6-(1-hydroxy-2,2-dimethylpropyl)pyridine-2-carboxamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(1,3- dicyclohexylpropyl)-5-methyl-N,N-dipropylisophthalamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)- 2,2'-bithiophene-5-carboxamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)- 4-(1H-imidazol-1-yl)butanamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)- 2,3-dihydroxy-N-(4-methoxyphenyl)succinamide N-[(2R,3S)-3-amino-2-hydroxy-4-(4-hydroxyphenyl)butyl]-N-benzyl-5-methyl- N,N-dipropylisophthalamide N-[(2R,3S)-3-amino-2-hydroxy-4-[3-(trifluoromethyl)phenyl]butyl]-N'-(3- methoxybenzyl)-N',N'-dipropylbenzene-1,3,5-tricarboxamide N-[(2R,3S)-3-amino-2-hydroxy-4-(2-thienyl)butyl]-N'-benzyl-N',N'-dipropylbenzene-1,3,5-tricarboxamide N-[(2R,3S)-3-amino-2-hydroxy-4-(2-thienyl)butyl]-N'-benzyl-N',N'-dipropylbenzene-1,3,5-tricarboxamide N-[(2R,3S)-3-amino-4-(3-bromophenyl)-2-hydroxybutyl]-N-benzyl-5-methyl- N,N'-dipropylisophthalamide	503	N_[(2R 3S)-3-amino-4-(3 5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-
N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-3-hydroxy-6-(1-hydroxy-2,2-dimethylpropyl)pyridine-2-carboxamide	303	3-{methyl[(trifluoromethyl)sulfonyllamino} benzamide hydrochloride
3-hydroxy-6-(1-hydroxy-2,2-dimethylpropyl)pyridine-2-carboxamide 507 N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(1,3-dicyclohexylpropyl)-5-methyl-N,N-dipropylisophthalamide 509 N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2,2'-bithiophene-5-carboxamide 511 N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-4-(1H-imidazol-1-yl)butanamide 513 N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2,3-dihydroxy-N'-(4-methoxyphenyl)succinamide 515 N-[(2R,3S)-3-amino-2-hydroxy-4-(4-hydroxyphenyl)butyl]-N-benzyl-5-methyl-N,N-dipropylisophthalamide 517 N'-{(2R,3S)-3-amino-2-hydroxy-4-(3-(trifluoromethyl)phenyl]butyl}-N'-(3-methoxybenzyl)-N ³ ,N ³ -dipropylbenzene-1,3,5-tricarboxamide 519 N'-[(2R,3S)-3-amino-2-hydroxy-4-(2-thienyl)butyl]-N'-benzyl-N ³ ,N ³ -dipropylbenzene-1,3,5-tricarboxamide 521 N-[2-(aminocarbonyl)-1H-indol-6-yl]-N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-S-methyl-N,N-dipropylisophthalamide 523 N-[(2R,3S)-3-amino-4-(3-bromophenyl)-2-hydroxybutyl]-N-benzyl-5-methyl-N,N-dipropylisophthalamide	505	N-[(2R 3S)-3-amino-4-(3 5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-
N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(1,3-dicyclohexylpropyl)-5-methyl-N',N'-dipropylisophthalamide	303	3-hvdroxy-6-(1-hvdroxy-2.2-dimethylpropyl)pyridine-2-carboxamide
dicyclohexylpropyl)-5-methyl-N',N'-dipropylisophthalamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2,2'-bithiophene-5-carboxamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-4-(1H-imidazol-1-yl)butanamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2,3-dihydroxy-N'-(4-methoxyphenyl)succinamide N-[(2R,3S)-3-amino-2-hydroxy-4-(4-hydroxyphenyl)butyl]-N-benzyl-5-methyl-N',N'-dipropylisophthalamide N-[(2R,3S)-3-amino-2-hydroxy-4-[3-(trifluoromethyl)phenyl]butyl}-N'-(3-methoxybenzyl)-N',N'-dipropylbenzene-1,3,5-tricarboxamide N-[(2R,3S)-3-amino-2-hydroxy-4-(2-thienyl)butyl]-N'-benzyl-N',N'-dipropylbenzene-1,3,5-tricarboxamide N-[2-(aminocarbonyl)-1H-indol-6-yl]-N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-methyl-N',N'-dipropylisophthalamide N-[(2R,3S)-3-amino-4-(3-bromophenyl)-2-hydroxybutyl]-N-benzyl-5-methyl-N',N'-dipropylisophthalamide	507	N-[(2R 3S)-3-amino-4-(3.5-difluorophenyl)-2-hydroxybutyl]-N-(1,3-
N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2,2'-bithiophene-5-carboxamide	307	dicyclohexylpropyl)-5-methyl-N'.N'-dipropylisophthalamide
2,2'-bithiophene-5-carboxamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)- 4-(1H-imidazol-1-yl)butanamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)- 2,3-dihydroxy-N-(4-methoxyphenyl)succinamide N-[(2R,3S)-3-amino-2-hydroxy-4-(4-hydroxyphenyl)butyl]-N-benzyl-5-methyl- N,N-dipropylisophthalamide N-[(2R,3S)-3-amino-2-hydroxy-4-[3-(trifluoromethyl)phenyl]butyl}-N ¹ -(3- methoxybenzyl)-N ³ ,N ³ -dipropylbenzene-1,3,5-tricarboxamide N-[(2R,3S)-3-amino-2-hydroxy-4-(2-thienyl)butyl]-N ¹ -benzyl-N ³ ,N ³ - dipropylbenzene-1,3,5-tricarboxamide N-[2-(aminocarbonyl)-1H-indol-6-yl]-N-[(2R,3S)-3-amino-4-(3,5- difluorophenyl)-2-hydroxybutyl]-5-methyl-N,N-dipropylisophthalamide N-[(2R,3S)-3-amino-4-(3-bromophenyl)-2-hydroxybutyl]-N-benzyl-5-methyl- N,N-dipropylisophthalamide	500	$N_{-}(2P,3S)=3$ -amino-4-(3.5-difluoronhenyl)-2-hydroxybutyll-N-(3-ethylbenzyl)-
511 N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)- 4-(1H-imidazol-1-yl)butanamide 513 N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)- 2,3-dihydroxy-N'-(4-methoxyphenyl)succinamide 515 N-[(2R,3S)-3-amino-2-hydroxy-4-(4-hydroxyphenyl)butyl]-N-benzyl-5-methyl- N,N-dipropylisophthalamide 517 N'-{(2R,3S)-3-amino-2-hydroxy-4-[3-(trifluoromethyl)phenyl]butyl}-N'-(3- methoxybenzyl)-N',N'-dipropylbenzene-1,3,5-tricarboxamide 519 N'-[(2R,3S)-3-amino-2-hydroxy-4-(2-thienyl)butyl]-N'-benzyl-N',N'- dipropylbenzene-1,3,5-tricarboxamide 521 N-[2-(aminocarbonyl)-1H-indol-6-yl]-N-[(2R,3S)-3-amino-4-(3,5- difluorophenyl)-2-hydroxybutyl]-5-methyl-N',N'-dipropylisophthalamide 523 N-[(2R,3S)-3-amino-4-(3-bromophenyl)-2-hydroxybutyl]-N-benzyl-5-methyl- N',N'-dipropylisophthalamide 525 F H ₂ N OH NH	1 309	
4-(1 <i>H</i> -imidazol-1-yl)butanamide N-[(2 <i>R</i> ,3 <i>S</i>)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- <i>N</i> -(3-ethylbenzyl)-2,3-dihydroxy- <i>N</i> '-(4-methoxyphenyl)succinamide N-[(2 <i>R</i> ,3 <i>S</i>)-3-amino-2-hydroxy-4-(4-hydroxyphenyl)butyl]- <i>N</i> -benzyl-5-methyl- <i>N</i> , <i>N</i> -dipropylisophthalamide N¹-{(2 <i>R</i> ,3 <i>S</i>)-3-amino-2-hydroxy-4-[3-(trifluoromethyl)phenyl]butyl}- <i>N</i> ¹-(3-methoxybenzyl)- <i>N</i> ³, <i>N</i> ³-dipropylbenzene-1,3,5-tricarboxamide N¹-[(2 <i>R</i> ,3 <i>S</i>)-3-amino-2-hydroxy-4-(2-thienyl)butyl]- <i>N</i> ¹-benzyl- <i>N</i> ³, <i>N</i> ³-dipropylbenzene-1,3,5-tricarboxamide N-[2-(aminocarbonyl)-1 <i>H</i> -indol-6-yl]- <i>N</i> -[(2 <i>R</i> ,3 <i>S</i>)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-methyl- <i>N</i> , <i>N</i> '-dipropylisophthalamide N-[(2 <i>R</i> ,3 <i>S</i>)-3-amino-4-(3-bromophenyl)-2-hydroxybutyl]- <i>N</i> -benzyl-5-methyl- <i>N</i> , <i>N</i> -dipropylisophthalamide	511	N [(2 P 3 S) 3 amino 4-(3 5-diffuoronbenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-
N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2,3-dihydroxy-N'-(4-methoxyphenyl)succinamide N-[(2R,3S)-3-amino-2-hydroxy-4-(4-hydroxyphenyl)butyl]-N-benzyl-5-methyl-N',N'-dipropylisophthalamide N¹-{(2R,3S)-3-amino-2-hydroxy-4-[3-(trifluoromethyl)phenyl]butyl}-N¹-(3-methoxybenzyl)-N³,N³-dipropylbenzene-1,3,5-tricarboxamide N¹-[(2R,3S)-3-amino-2-hydroxy-4-(2-thienyl)butyl]-N¹-benzyl-N³,N³-dipropylbenzene-1,3,5-tricarboxamide N-[2-(aminocarbonyl)-1H-indol-6-yl]-N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-S-methyl-N',N'-dipropylisophthalamide N-[(2R,3S)-3-amino-4-(3-bromophenyl)-2-hydroxybutyl]-N-benzyl-5-methyl-N',N'-dipropylisophthalamide	711	4 (1 H. imidez ol-1-vl) butanamide
2,3-dihydroxy-N-(4-methoxyphenyl)succinamide N-[(2R,3S)-3-amino-2-hydroxy-4-(4-hydroxyphenyl)butyl]-N-benzyl-5-methyl-N;N-dipropylisophthalamide N¹-{(2R,3S)-3-amino-2-hydroxy-4-[3-(trifluoromethyl)phenyl]butyl}-N¹-(3-methoxybenzyl)-N³,N³-dipropylbenzene-1,3,5-tricarboxamide N¹-[(2R,3S)-3-amino-2-hydroxy-4-(2-thienyl)butyl]-N¹-benzyl-N³,N³-dipropylbenzene-1,3,5-tricarboxamide N-[2-(aminocarbonyl)-1H-indol-6-yl]-N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-methyl-N',N'-dipropylisophthalamide N-[(2R,3S)-3-amino-4-(3-bromophenyl)-2-hydroxybutyl]-N-benzyl-5-methyl-N',N'-dipropylisophthalamide	512	N [(2 P 3 S) 3 amino 4-(3 5-diffuorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-
N-[(2R,3S)-3-amino-2-hydroxy-4-(4-hydroxyphenyl)butyl]-N-benzyl-5-methyl-N,N-dipropylisophthalamide N¹-{(2R,3S)-3-amino-2-hydroxy-4-[3-(trifluoromethyl)phenyl]butyl}-N¹-(3-methoxybenzyl)-N³,N³-dipropylbenzene-1,3,5-tricarboxamide N¹-[(2R,3S)-3-amino-2-hydroxy-4-(2-thienyl)butyl]-N¹-benzyl-N³,N³-dipropylbenzene-1,3,5-tricarboxamide N-[2-(aminocarbonyl)-1H-indol-6-yl]-N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-methyl-N,N-dipropylisophthalamide N-[(2R,3S)-3-amino-4-(3-bromophenyl)-2-hydroxybutyl]-N-benzyl-5-methyl-N,N-dipropylisophthalamide N-[N,N-dipropylisophthalamide N	313	
N,N-dipropylisophthalamide N¹-{(2R,3S)-3-amino-2-hydroxy-4-[3-(trifluoromethyl)phenyl]butyl}-N¹-(3-methoxybenzyl)-N³,N³-dipropylbenzene-1,3,5-tricarboxamide N¹-[(2R,3S)-3-amino-2-hydroxy-4-(2-thienyl)butyl]-N¹-benzyl-N³,N³-dipropylbenzene-1,3,5-tricarboxamide N-[2-(aminocarbonyl)-1H-indol-6-yl]-N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-methyl-N',N'-dipropylisophthalamide N-[(2R,3S)-3-amino-4-(3-bromophenyl)-2-hydroxybutyl]-N-benzyl-5-methyl-N',N'-dipropylisophthalamide	515	N [(2 P 2 S) 3 amino 2-bydrovy 4-(4-bydrovy phenyl)butyl]-N-benzyl-5-methyl-
517 N¹-{(2R,3S)-3-amino-2-hydroxy-4-[3-(trifluoromethyl)phenyl]butyl}-N¹-(3-methoxybenzyl)-N³,N³-dipropylbenzene-1,3,5-tricarboxamide 519 N¹-[(2R,3S)-3-amino-2-hydroxy-4-(2-thienyl)butyl]-N¹-benzyl-N³,N³-dipropylbenzene-1,3,5-tricarboxamide 521 N-[2-(aminocarbonyl)-1H-indol-6-yl]-N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-methyl-N',N'-dipropylisophthalamide 523 N-[(2R,3S)-3-amino-4-(3-bromophenyl)-2-hydroxybutyl]-N-benzyl-5-methyl-N',N'-dipropylisophthalamide	313	N M dipropulsion by the lamide
methoxybenzyl)-N³,N³-dipropylbenzene-1,3,5-tricarboxamide 519 N¹-[(2R,3S)-3-amino-2-hydroxy-4-(2-thienyl)butyl]-N¹-benzyl-N³,N³-dipropylbenzene-1,3,5-tricarboxamide 521 N-[2-(aminocarbonyl)-1H-indol-6-yl]-N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-methyl-N',N'-dipropylisophthalamide 523 N-[(2R,3S)-3-amino-4-(3-bromophenyl)-2-hydroxybutyl]-N-benzyl-5-methyl-N',N'-dipropylisophthalamide 525 F	517	N^{1} ((2.8.3.5) 3. amino-2-hydroxy-4-[3-(trifluoromethyl)nhenyllhutyl}- N^{1} -(3-
519 N¹-[(2R,3S)-3-amino-2-hydroxy-4-(2-thienyl)butyl]-N¹-benzyl-N³,N³-dipropylbenzene-1,3,5-tricarboxamide 521 N-[2-(aminocarbonyl)-1H-indol-6-yl]-N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-methyl-N',N'-dipropylisophthalamide 523 N-[(2R,3S)-3-amino-4-(3-bromophenyl)-2-hydroxybutyl]-N-benzyl-5-methyl-N',N'-dipropylisophthalamide 525 F	317	methoxybenzyl)-N ³ N ³ -dipropylhenzene-1 3 5-tricarhoxamide
dipropylbenzene-1,3,5-tricarboxamide 521 N-[2-(aminocarbonyl)-1H-indol-6-yl]-N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-methyl-N',N'-dipropylisophthalamide 523 N-[(2R,3S)-3-amino-4-(3-bromophenyl)-2-hydroxybutyl]-N-benzyl-5-methyl-N',N'-dipropylisophthalamide 525 N-[\text{N}-\	510	N^1 [(2P3 %) 3 amino-2-hydroxy-4-(2-thienyl)butyl]- N^1 -henzyl- N^3 N^3 -
521 N-[2-(aminocarbonyl)-1H-indol-6-yl]-N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-methyl-N',N'-dipropylisophthalamide 523 N-[(2R,3S)-3-amino-4-(3-bromophenyl)-2-hydroxybutyl]-N-benzyl-5-methyl-N',N'-dipropylisophthalamide 525 H ₂ N OH NH	319	dinronylhanzane 1 3 5-tricarhovamide
difluorophenyl)-2-hydroxybutyl]-5-methyl- <i>N</i> ', <i>N</i> '-dipropylisophthalamide 523	521	M [2 (aminocarbonyl) 1 H indol-6-yl] N [(2 R 3 S)-3-amino-4-(3 5-
N-[(2R,3S)-3-amino-4-(3-bromophenyl)-2-hydroxybutyl]-N-benzyl-5-methyl- N',N'-dipropylisophthalamide 525 H ₂ N OH NH	321	diffuerenhanvil 2 hydroxyhutull-5-methyl-M M-dinronylisonhthalamide
525 N,N-dipropylisophthalamide	522	W [(2 B 2 S) 2 amino 4 (2 bromonhenyl) 2 bydrovybutyl J. Whenzyl 5-methyl-
F H_2N O O O O O O O O O O	323	
H_2N O O O O O O	525	7V ,7V -dipropyrisophinalamide
H_2N O O O O O	323	
O OH		
O OH		()
NH _		H_2N
NH _		
NH _		O—\ OH
F F		_ν́H
F F		
F F		
F F		
f `F		F
		f `F

527		
527	CN-	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-(1-oxo-1,3-dihydro-2H-
	HO N	isoindol-2-yl)butanamide
	F	
	F	
529	CI N H O	
	H ₂ N OH N	
531	N-[(2R,3S)-3-amino-4-(3,5-diffuoroph)]	enyl)-2-hydroxybutyl]-3-chloro-N-(3-
	ethylbenzyl)-4-(methylsulfonyl)thioph	ene-2-carboxamide
533	N-[(2R,3S)-3-amino-4-(3,5-difluoroph	enyl)-2-hydroxybutyl]-N-(1-ethylpropyl)-
	5-methyl-N',N'-dipropylisophthalamide	€
535	N -[(2 R ,3 S)-3-amino-4-(3,5-difluorophoxo-1,3-oxazolidin-5-yl]methyl}-5-me	enyl)-2-hydroxybutyl]-N-{[(5R)-3-ethyl-2- ethyl-N.N-dipropylisophthalamide
537	N-[(2R,3S)-3-amino-4-(3,5-difluoropho 5-methyl-7-(trifluoromethyl)pyrazolo[envl)-2-hvdroxybutyll-N-(3-ethylbenzyl)
539	N-[(2R,3S)-3-amino-2-hydroxy-4-phe]	nylbutyl]- N^1 -(3-methoxybenzyl)- N^2 -
	[(methylthio)acetyl]-3-[(1-propylbutyl)	sulfonvilalaninamide hydrochloride
541	N-[(2R,3S)-3-amino-4-(3,5-difluorophe	enyl)-2-hydroxybutyll-N-(2.3-
F 42	dimethylcyclohexyl)-5-methyl-N',N'-di	propylisophthalamide
543	N-[(2R,3S)-3-amino-4-(3,5-difluorophe)]	enyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-
545	4,5-dimethoxy-1-benzothiophene-2-car	rboxamide
J73	$N = \{(2N,3S) - 3 - \text{amino} - 4 - [3 - 1] \text{uoro} - 5 - (\text{tr} N^1 - (3 - \text{methylbutyl}) - N^3, N^3 - \text{dipropylbenz}\}$	fluoromethyl)phenyl]-2-hydroxybutyl}-
547	N-[(2R.3S)-3-amino-4-(3.5-diffuorophe	enyl)-2-hydroxybutyl]-N-{[(5S)-3-ethyl-2-
	oxo-1,3-oxazolidin-5-yl]methyl}-5-met	thyl-N N'-dipropylisophthelomide
549	N'-1(2R,3S)-3-amino-4-(1.3-benzodioxe	0]-5-v[)-2-hvdroxybuty[]- λ ¹ -(3
	methoxybenzyl)-N ³ ,N ³ -dipropylbenzene	e-1,3,5-tricarboxamide
551	N-[(2R,3S)-3-amino-4-(3,5-difluorophe)]	nyl)-2-hydroxybutyl]-4-(3.5-dioxo-1 2 4-
	triazolidin-4-yl)-N-(3-ethylbenzyl)benz	amide
553	N-[(2R,3S)-3-amino-2-hydroxy-4-phen	vlbutyl]-2-hydroxy-N-(3-
	methoxybenzyl)-3-[(3-methoxyphenyl)	sulfonyl]propanamide hydrochloride

555	
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	F
557	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-methyl- $N-(2-k)$
	methylcyclohexyl)-N',N'-dipropylisophthalamide
559	$N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(2-{4-[(3-4-1)]-2-hydroxybutyl}]-N-(2-{4-[(3-4)]-2-hydroxybutyl}]-N-(2-{4-[(3-4)]-2-hydroxybutyl}]-N-(2-{4-[(3-4)]-2-hydroxybutyl}]-N-(2-{4-[(3-4)]-2-hydroxybutyl}]-N-(2-{4-[(3-4)]-2-hydroxybutyl}]-N-(2-{4-[(3-4)]-2-hydroxybutyl}]-N-(2-{4-[(3-4)]-2-hydroxybutyl}]-N-(2-{4-[(3-4)]-2-[(3-4)]-2-hydroxybutyl}]-N-(2-[(3-4)]-2-[(3-4)]-N-(2-[(3-4)]-2-[(3-4)]-2-[(3-4)]-N-(2-[(3-4)]-2-[(3-4)]-2-[(3-4)]-2-[(3-4)]-N-($
	chlorobenzyl)oxylphenyl}ethyl)-5-methyl-N',N'-dipropylisophthalamide
561	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-
	2-hydroxy-4-oxo-4-(3-thienyl)butanamide
563	N^1 -{(2R,3S)-3-amino-4-[3-(benzyloxy)-5-fluorophenyl]-2-hydroxybutyl}- N^1 -(3-
	methoxybenzyl)- N^3 , N^3 -dipropylbenzene-1,3,5-tricarboxamide
565	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-
	2-hydroxy-4-oxo-4-[3-(trifluoromethyl)phenyl]butanamide
567	N^1 -{(2R,3S)-3-amino-2-hydroxy-4-[3-(trifluoromethoxy)phenyl]butyl}- N^1 -(3-
	methylbutyl)-N ³ ,N ³ -dipropylbenzene-1,3,5-tricarboxamide
569	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-[1-
	(hydroxymethyl)-3-(methylthio)propyl]-5-methyl-N',N'-dipropylisophthalamide
571	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-2-(1H-1,2,3-
	benzotriazol-1-yl)-N-(3-ethylbenzyl)hexanamide
573	N^{1} -[(2R,3S)-3-amino-4-(3-fluoro-4-methylphenyl)-2-hydroxybutyl]- N^{1} -(3-
	methylbutyl)- N^3 , N^3 -dipropylbenzene-1,3,5-tricarboxamide
575	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-(4,4-dimethyl-
	2,5-dioxoimidazolidin-1-yl)-N-(3-ethylbenzyl)-2-{[(1-
	propylbutyl)sulfonyl]methyl}propanamide
577	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-
	4-{[(trifluoromethyl)sulfonyl]amino}butanamide trifluoroacetate (salt)
579	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-
	2-(5-methyl-1,3-dioxo-1,3-dihydro-2 <i>H</i> -isoindol-2-yl)acetamide
581	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-
	hydroxypropyl)-5-methyl-N',N'-dipropylisophthalamide
583	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-[1-
505	(hydroxymethyl)propyl]-5-methyl-N',N'-dipropylisophthalamide
585	N^{1} -[(2R,3S)-3-amino-4-(3,5-dichlorophenyl)-2-hydroxybutyl]- N^{1} -benzyl- N^{3} , N^{3} -
	dipropylbenzene-1,3,5-tricarboxamide
587	N -[(2 R ,3 S)-3-amino-2-hydroxy-4-phenylbutyl]-3-{[(2-
55,	hydroxyethyl)(propyl)amino]sulfonyl}-N-(3-methoxybenzyl)propanamide
	hydrochloride
589	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-(benzylthio)-N-
307	(3-ethylbenzyl)nicotinamide
591	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-
771	14-[(211,50) 5-diffino (5,5 diffuorophony) 2 hj drony out jij 11 (5 diffuoring)

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-500	1 <i>H</i> -pyrazole-5-carboxamide
593	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-6-chloro-N-(3-
	ethylbenzyl)-3-methyl-2-oxo-2,3-dihydro-1,3-benzoxazole-5-carboxamide
595	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-
	1 <i>H</i> -benzimidazole-2-carboxamide
597	N_1^{1} -[(2R,3S)-3-amino-4-cyclohexyl-2-hydroxybutyl]- N_1^{1} -(3-methoxybenzyl)-
	N ³ ,N ³ -dipropylbenzene-1,3,5-tricarboxamide
599	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-
	6-nydroxy-4,/-dimethoxy-1-benzofuran-5-carboxamide
601	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-methyl-N-(4-
L	methylcyclohexyl)-N',N'-dipropylisophthalamide
603	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-
	ethylbenzyl)[1,2,4]triazolo[4,3-a]pyridine-6-carboxamide
605	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-
	2-hydroxy-4-oxo-4-(2-thienyl)butanamide
607	N-[(2R,3S)-3-amino-4-(3,5-dichlorophenyl)-2-hydroxybutyl]-N-benzyl-5-
	methyl-N',N'-dipropylisophthalamide
609	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-
	4-(2-hydroxy-5-methylphenyl)-4-oxobutanamide
611	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-
610	3-phenoxybenzamide
613	4-[(aminocarbonyl)amino]-N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
(15	hydroxybutyl]-N-(3-ethylbenzyl)benzamide
615	N-[(2 R ,3 S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- N -[(1 S)-1-
617	(hydroxymethyl)-3-(methylthio)propyl]-5-methyl-N',N'-dipropylisophthalamide
017	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-
619	7-hydroxy-4-oxochromane-2-carboxamide
019	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-[(1S)-1-
621	(hydroxymethyl)-3-methylbutyl]-5-methyl-N',N'-dipropylisophthalamide
021	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-[(1R)-1-
623	(hydroxymethyl)propyl]-N',N'-dipropylisophthalamide
023	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-methyl- $N-(1-methyl-3-phenylpropyl)-N',N'-dipropylisophthalamide$
624	$(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-\{[(3-$
021	ethylbenzyl)amino]methyl}propyl 2-(2,3-dihydro-1-benzofuran-5-yl)-1,3-
	thiazole-4-carboxylate
626	(1R,2S)-2-amino-3-[3-(benzyloxy)phenyl]-1-{[(3-
	methoxybenzyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-
	methylbenzoate
628	(1R,2S)-2-amino-3-(4-chlorophenyl)-1-{[(3-
	methoxybenzyl)amino]methyl}propyl 3-[(dipropylamino)sulfonyl]propanoate
630	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl 3-oxo-3-(pentylamino)propanoate
632	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl 3-(trifluoromethoxy)benzoate
634	(1R,2S)-2-amino-3-(3-fluoro-4-methylphenyl)-1-{[(3-
	methoxybenzyl)amino]methyl}propyl 3-[(dipropylamino)sulfonyl]propanoate
636	(1R,2S)-2-amino-3-(3-chloro-5-fluorophenyl)-1-{[(3-
	- (

	methylbutyl)amino]methyl}propyl 3-[(dipropylamino)sulfonyl]propanoate
638	(1R.2S)-2-amino-3-(3.5-difluorophenyl)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl 3-(4,4-dimethyl-2,5-dioxoimidazolidin-1-yl)-
	2-{[(1-propylbutyl)sulfonyl]methyl}propanoate
640	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3$ -
	ethylbenzyl)amino]methyl}propyl 4-{[4-(acetylamino)phenyl]amino}-4-
	oxobutanoate
642	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl 3-(1-cyanoethyl)benzoate
644	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3$ -
	ethylbenzyl)amino]methyl}propyl 4-oxo-4-[(5-phenyl-1,3,4-thiadiazol-2-
	yl)amino]butanoate
646	(1R,2S)-2-amino-1-[(benzylamino)methyl]-3-[3-
	(trifluoromethoxy)phenyl]propyl 3-(aminocarbonyl)-5-
	[(dipropylamino)carbonyl]benzoate
648	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $(\{[2-(2-\infty)-2-pyrrolidin-1-(2-\infty)-2-pyrrolidin-1-(2-\infty)-2-pyrrolidin-1-(3-\infty)-2-pyrrolidin-1$
	ylethoxy)phenyl]amino}methyl)propyl 3-[(dipropylamino)carbonyl]-5-
	methylbenzoate
650	(1R,2S)-2-amino-3-(4-chlorophenyl)-1-{[(3-methylbutyl)amino]methyl}propyl
	3-(aminocarbonyl)-5-[(dipropylamino)carbonyl]benzoate
652	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3-$
	ethylbenzyl)amino]methyl}propyl (1,1-dioxidotetrahydro-2-thienyl)acetate
654	(1R,2S)-2-amino-1-[(benzylamino)methyl]-3-(4-chlorophenyl)propyl 3-
	[(dipropylamino)carbonyl]-5-methylbenzoate
656	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3-$
	ethylbenzyl)amino]methyl}propyl 5-hex-1-yn-1-ylnicotinate
658	(1R,2S)-2-amino-3-(3-bromophenyl)-1-{[(3-methylbutyl)amino]methyl}propyl
	3-[(dipropylamino)sulfonyl]propanoate
660	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3$ -
	ethylbenzyl)amino]methyl}propyl 3-methoxyisoxazole-5-carboxylate
662	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl 2,3-dimethyl-1H-indole-7-carboxylate
664	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl 4-(3-chlorophenyl)-2-hydroxy-4-
	oxobutanoate
666	$(1R,2S)$ -2-amino-3-(3-fluoro-4-methoxyphenyl)-1-{[(3-
	methoxybenzyl)amino]methyl}propyl 3-(aminocarbonyl)-5-
	[(dipropylamino)carbonyl]benzoate
668	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3-1)^2,(3+1)$
	ethylbenzyl)amino]methyl}propyl (1-methyl-1H-indol-3-yl)(oxo)acetate
670	$(1R,2S)$ -2-amino-3- $(3$ -fluoro-4-methylphenyl)-1- $\{[(3-1)^2,$
	methylbutyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-
<u></u>	methylbenzoate
672	$(1R,2S)$ -2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-(4-
	methylphenyl)propyl 3-[(dipropylamino)sulfonyl]propanoate
674	(1R,2S)-2-amino-1-[(benzylamino)methyl]-3-(3-fluoro-4-methylphenyl)propyl
	3-(aminocarbonyl)-5-[(dipropylamino)carbonyl]benzoate
676	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-

	ethylbenzyl)amino]methyl}propyl [5-(4-methylphenyl)-2H-tetrazol-2-yl]acetate
678	$(1R,2S)$ -2-amino-3- $(3,5$ -dichlorophenyl)-1- $\{[(3-$
	methoxybenzyl)amino]methyl}propyl 3-[iipropylamino)sulfonyl]propanoate
680	$(1R,2S)$ -2-amino-1-{[(3-methylbutyl)amino]methyl}-3-(2-thienyl)propyl 3-
	(aminocarbonyl)-5-[(dipropylamino)carbonyl]benzoate
682	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3$ -
-	ethylbenzyl)amino]methyl}propyl 5-methyl-3-phenylisoxazole-4-carboxylate
684	(1R,2S)-2-amino-1-[(benzylamino)methyl]-3-(4-fluorophenyl)propyl 3-
	[(dipropylamino)carbonyl]-5-methylbenzoate
686	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3$ -
	ethylbenzyl)amino]methyl}propyl N-[(methylsulfonyl)acetyl]-N-pentylglycinate
688	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3$ -
	ethylbenzyl)amino]methyl}propyl N-(4-methoxybenzoyl)glycinate
690	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3$ -
	ethylbenzyl)amino]methyl}propyl N-(2,6-difluorobenzoyl)glycinate
692	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3$ -
	ethylbenzyl)amino]methyl}propyl 4-(1H-indol-3-yl)-4-oxobutanoate
694	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3$ -
	ethylbenzyl)amino]methyl}propyl 4-[(5-benzyl-1,3,4-thiadiazol-2-yl)amino]-4-
	oxobutanoate
696	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl 4-(3-fluoro-4-methoxyphenyl)-4-
	oxobutanoate
698	ethyl 4- $\{[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-(\{3-6,5\}-4,5]\}$
	[(dipropylamino)carbonyl]-5-methylbenzoyl}oxy)butyl]amino}piperidine-1-
700	carboxylate
700	(1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
702	ethylbenzyl)amino]methyl}propyl 4-(2-fluorobenzoyl)-1H-pyrrole-2-carboxylate
702	(1R,2S)-2-amino-1-[(benzylamino)methyl]-3-(4-chlorophenyl)propyl 3-
704	(aminocarbonyl)-5-[(dipropylamino)carbonyl]benzoate
704	(1R,2S)-2-amino-1-{[(3-methylbutyl)amino]methyl}-3-[3-
	(trifluoromethyl)phenyl]propyl 3-(aminocarbonyl)-5-
706	[(dipropylamino)carbonyl]benzoate
700	(1R,2S)-2-amino-3-(4-hydroxyphenyl)-1-{[(3-methylbutyl)amino]methyl}propyl
708	3-[(dipropylamino)carbonyl]-5-methylbenzoate
708	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
710	ethylbenzyl)amino]methyl}propyl (4-morpholin-4-ylphenyl)acetate
/10	(1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-[3-
712	(trifluoromethoxy)phenyl]propyl 3-[(dipropylamino)sulfonyl]propanoate
/12	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl 4-[benzyl(l-cyclopropylethyl)amino]-4-oxobutanoate
714	
/14	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
	methoxybenzyl)amino]methyl}propyl 3-(2,5-dimethylbenzoyl)-5-methylbenzoate
716	
, 10	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl 4-[(2-methoxy-5-methylphenyl)amino]-4-oxobutanoate
	oxobitatioate

718	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3-$
	ethylbenzyl)amino]methyl}propyl (3-hydroxyphenyl)acetate
720	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
	methoxybenzyl)amino]methyl}propyl 3-[hydroxy(2-methylphenyl)methyl]-5-
	methylbenzoate
722	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3-$
	ethylbenzyl)amino]methyl}propyl 5-(ethylthio)nicotinate
724	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl 4-[4-(2-furoyl)piperazin-1-yl]-4-oxobutanoate
726	(1R,2S)-2-amino-1-[(benzylamino)methyl]-3-(3-fluoro-4-methylphenyl)propyl
	3-[(dipropylamino)carbonyl]-5-methylbenzoate
728	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3-$
	ethylbenzyl)amino]methyl}propyl 3-oxoisoindoline-1-carboxylate
730	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3-1)^2,(3-1)$
	ethylbenzyl)amino]methyl}propyl 3-(ethylthio)benzoate
732	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl thieno[2,3-b]quinoline-2-carboxylate
734	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl 3-(4-methyl-1,3-oxazol-2-yl)benzoate
	hydrochloride
736	(1R,2S)-2-amino-1-[(benzylamino)methyl]-3-(4-fluorophenyl)propyl 3-
	(aminocarbonyl)-5-[(dipropylamino)carbonyl]benzoate
738	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl 2-[2-furoyl(methyl)amino]benzoate
740	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
1	ethylbenzyl)amino]methyl}propyl 2-hydroxy-4-(3-methoxyphenyl)-4-
	oxobutanoate
742	(1R,2S)-2-amino-1-[(cycloheptylamino)methyl]-3-(3,5-difluorophenyl)propyl 3-
	[(dipropylamino)carbonyl]-5-methylbenzoate
744	$(1R,2S)$ -2-amino-1-{[(3-methylbutyl)amino]methyl}-3-(4-methylphenyl)propyl
	3-(aminocarbonyl)-5-[(dipropylamino)carbonyl]benzoate
746	$(1R,2S)$ -2-amino-3- $(3$ -fluoro-5-hydroxyphenyl)-1- $\{[(3$ -
	methoxybenzyl)amino]methyl}propyl 3-[(dipropylamino)sulfonyl]propanoate
	hydrochloride
748	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3-1)^2, (3+1)^2,$
	ethylbenzyl)amino]methyl}propyl 5-hydroxy-1H-indole-2-carboxylate
750	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl 2,2-dimethylchromane-8-carboxylate
752	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3-$
	ethylbenzyl)amino]methyl}propyl 6-benzylpyrazine-2-carboxylate 4-oxide
754	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3-$
	methoxybenzyl)amino]methyl}propyl {2-
	[(dipropylamino)sulfonyl]ethyl}carbamate
756	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-({[1-(hydroxymethyl)-2-
	methylpropyl]amino}methyl)propyl 3-[(dipropylamino)carbonyl]-5-
<u></u>	methylbenzoate
758	(1R,2S)-2-amino-1-[(benzylamino)methyl]-3-(3-chloro-5-fluorophenyl)propyl 3-
	[(dipropylamino)sulfonyl]propanoate

5 60	T/25-22	· · · · · · · · · · · · · · · · · · ·
760	(1R,2S)-2-amino-3- $(3,5$ -difluoropher	nyl)-1-{[(3-
762	ethylbenzyl)amino]methyl}propyl 4-	(4-methoxyphenyl)-4-oxobutanoate
762	(1R,2S)-2-amino-1-[(benzylamino)m (aminocarbonyl)-5-[(dipropylamino)	ethyl]-3-(4-hydroxyphenyl)propyl 3-
764	(1R,2S)-2-amino-3- $(3,5$ -difluoropher	
' ' '	ethylhenzyl)aminolmethyl\nronyl 3-	methyl-4-oxo-3,4-dihydrophthalazine-1-
	carboxylate	mentyr-4-0x0-5,4-umydropinnarazme-1-
766	(1R,2S)-2-amino-3-(3,5-difluoropher	nyl)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl 3,	4-dihydro-2 <i>H</i> -1,5-benzodioxepine-7-
	carboxylate	_
768	(1R,2S)-2-amino-3-(3,5-difluoropher	yl)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl [4	-(2,5-dioxopyrrolidin-1-yl)phenoxy]acetate
770	$(1R,2S)$ -2-amino-3-(2-furyl)-1-{[(3-n)	nethoxybenzyl)amino]methyl}propyl 3-
772	(aminocarbonyl)-5-[(dipropylamino)	carbonyl]benzoate
772	(1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophen	yl)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl 5-	methyl-4-oxo-3,4-dihydrothieno[2,3-
774	d]pyrimidine-6-carboxylate (1 R ,2 S)-2-amino-3-(1,3-benzodioxol-	5 -1) 1 ([(2
' ' -	methylbutyl)amino]methyl}propyl 3-	(3-y1)-1-{[(3-
	[(dipropylamino)carbonyl]benzoate	(animocarbonyl)-5-
776	O NH2	
	Libi	
	N O _U	
	H ₂ N	
778		(1R,2S)-2-amino-3-(3-chloro-5-
		fluorophenyl)-1-{[(3-
	OHN	methoxybenzyl)amino]methyl}propyl 5-
	NH ₂	(dipropylamino)-5-oxopentanoate
	5 0 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	
	NO T	
780	ĊI F	(10000000000000000000000000000000000000
760		(1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-
	N	1-{[(3-ethylbenzyl)amino]methyl}propyl 6-fluoro-2-hydroxyguinoline-4-
		carboxylate
	но	Carooxylate
	$N \sim 0$	·
	H	1
į	NH ₂	
	F F	

782	HN ON NH ₂ F	(1R,2S)-2-amino-3-(3,5-difluorophenyl)- 1-{[(3-ethylbenzyl)amino]methyl} propyl 4-oxo-4-(2-thienyl)butanoate
784	NH NH	
	H ₂ N _/ , N OMe	
786.	(aminocarbonyl)-5-[(dipropylamino)c	zyl)amino]methyl}-3-(phenylthio)propyl 3- arbonyl]benzoate
788	(1R,2S)-2-amino-3-(3,5-difluorophen methylpropyl]amino}methyl)propyl 3 methylbenzoate	yl)-1-($\{[(1R)-1-(hydroxymethyl)-2-$
790	(1R,2S)-2-amino-3-(3,5-difluorophen methylbutyl]amino}methyl)propyl 3- methylbenzoate	
792	(1R,2S)-2-amino-3-(3,5-difluorophen ethylbenzyl)amino]methyl}propyl 2-(yl)-1-{[(3- phenoxymethyl)benzoate
794	(1R,2S)-2-amino-3-(3,5-difluorophen ethylbenzyl)amino]methyl}propyl 5-	yl)-1-{[(3- [(2,4-difluorophenyl)amino]-5-
796	(1R,2S)-2-amino-3-(3,5-difluorophen ethylbenzyl)amino]methyl}propyl 5- oxopentanoate	[(4,6-dimethylpyrimidin-2-yl)amino]-5-
798	(1R.2S)-2-amino-3-(3,5-difluorophen	yl)-1-{[(3- 1 3-(3-methoxybenzoyl)-5-methylbenzoate
800	(1R,2S)-2-amino-3-[3-(benzyloxy)ph methoxybenzyl)amino]methyl}propy [(dipropylamino)carbonyl]benzoate	enyl]-1-{[(3-
802	(1R.2S)-2-amino-3-(3,5-difluoropher	yl)-1-{[(3- (3,4-dichlorophenyl)-4-oxobutanoate
804	(1R,2S)-2-amino-1-{[(3-methoxyben (methoxycarbonyl)phenyl]propyl 3-[zyl)amino]methyl}-3-[4-

methylbenzolate (IR,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 5-{(4-acetylphenyl)amino]-5-oxopentanoate (IR,2S)-2-amino-3-(4-(benzyloxy)phenyl)-1-{[(3-methoxybenzyl)amino]methyl}propyl 3-{(dipropylamino]carbonyl]-5-methylbenzoate (IR,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-(phenylthio)propyl 3 ([dipropylamino]methyl]-5-methylbenzoate (IR,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl]propyl 3-{(2-[(methylamino]carbonyl]phenyl}thio)propanoate (IR,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-phenylpropyl 3-{(1-propylbutyl)thio]propanoate hydrochloride (IR,2S)-2-amino-3-{(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl]propyl 3-{(4-ethylbenzyl)amino]-4-oxobutanoate (IR,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-methylbutyl)amino]methyl]propyl 3-{(aminocarbonyl)-5-methylbutyl)amino]methyl]propyl 3-{(aminocarbonyl)-5-(dipropylamino)carbonyl]propyl 3-{(dipropylamino)carbonyl]propyl 3-{(aminocarbonyl)-1-{([(3-methylbutyl)amino]carbonyl]phenzoate (IR,2S)-2-amino-3-(3,5-difluorophenyl)-1-{([(3-methylbutyl)amino]carbonyl]-5-methylbenzoate (IR,2S)-3-amino-4-(3-difluorophenyl)-2-hydroxybutyl]-2-(2,3-dihydro-1-benzofuran-5-yl)-N-(3-ethylbenzyl)-1,3-thiazole-4-carboxamide 625 N-{(2R,3S)-3-amino-4-(3-cifluorophenyl)-2-hydroxybutyl]-N-(3-methoxybenzyl)-5-methyl-N-N-dipropylisophthalamide 629 N-{(2R,3S)-3-amino-4-(3-cifluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N-pentylmalonamide 630 N-{(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N-pentylmalonamide 631 N-{(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)-2-hydroxybutyl]-3-(dipropylamino)sulfonyl]-N-(3-methoxybenzyl)propanamide 633 N-{(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-(4,4-dimethyl-2,5-dioxoimidazolidin-1-yl)-N-(3-ethylbenzyl)-2-hydroxybutyl]-3-(-cyanoethyl)-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)-N-(3-ethylbe	····	- ,
ethylbenzylamino]methyl]propyl 5-[(4-acetylphenyl)amino]-5-oxopentanoate (1R,2S)-2-amino-3-[4-(benzyloxy)phenyl]-1-{((3-methoxybenzyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate (1R,2R)-2-amino-1-{([3-methoxybenzyl)amino]methyl}-3-(phenylthio)propyl 3 [(dipropylamino)carbonyl]-5-methylbenzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 3-{(2-[(methylamino)carbonyl]phenyl}thio)propanoate (1R,2S)-2-amino-1-{([3-methoxybenzyl)amino]methyl}-3-phenylpropyl 3-[(1-propylbutyl)thio]propanoate hydrochloride (1R,2S)-2-amino-1-{([3-methoxybenzyl)amino]methyl}-3-phenylpropyl 3-[(1-propylbutyl)thio]propanoate hydrochloride (1R,2S)-2-amino-3-[3-(benzyloxy)-5-fluorophenyl)-1-{([3-ethylbenzyl)amino]methyl}propyl 3-[(dipropylamino]-4-oxobutanoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{([3-ethylbenzyl)amino]methyl}propyl 3-(aminocarbonyl)-5-[(dipropylamino)carbonyl]benzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{([2-([(3-methoxybenzyl)amino]carbonyl])-5-methylbenzyl)-1-methoxyphenyl)amino]carbonyl]-5-methylbenzyl-1-yhdroxybutyl]-2-(2,3-dihydro-1-benzofuran-5-yl)-N-(3-ethylbenzyl)-1-3-thizole-4-carboxamide N-{(2R,3S)-3-amino-4-(3-benzyloxy)phenyl]-2-hydroxybutyl]-N-(3-methoxybenzyl)-5-methyl-N-N-dipropylisophthalamide N-{(2R,3S)-3-amino-4-(3-(benzyloxy)phenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N-pentylmalonamide N-{(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N-pentylmalonamide N-{(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-((dipropylamino)sulfonyl]-N-(3-methoxybenzyl)propanamide N-{(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-((dipropylamino)sulfonyl]-N-(3-methoxybenzyl)propanamide N-{(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-(4,4-dimethyl-2,5-dixomidazolidin-1-yl)-N-(3-ethylbenzyl)-2-hydroxybutyl]-3-(4,4-dimethyl-2,5-dixomidazolidin-1-yl)-N-(3-ethylbenzyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N-(3-ethy		methylbenzoate
(IR,2S)-2-amino-3-[4-(benzyloxy)phenyl]-1-{{(3-methoxybenzyl)amino]methyl}-3-{(dipropylamino)carbonyl]-5-methylbenzoate}	806	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3-$
(IR,2S)-2-amino-3-[4-(benzyloxy)phenyl]-1-{{(3-methoxybenzyl)amino]methyl}-3-{(dipropylamino)carbonyl]-5-methylbenzoate}		ethylbenzyl)amino]methyl}propyl 5-[(4-acetylphenyl)amino]-5-oxopentanoate
methylbenzoate	808	$(1R,2S)$ -2-amino-3-[4-(benzyloxy)phenyl]-1-{[(3-
methylbenzoate		methoxybenzyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-
[(dipropylamino)carbonyl]-5-methylbenzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 3-{[2-[(methylamino)carbonyl]phenyl}thio)propanoate (1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-phenylpropyl 3-[(1-propylbutyl)thio]propanoate hydrochloride (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 4-[(4-ethoxyphenyl)amino]-4-oxobutanoate (1R,2S)-2-amino-3-[3-(benzyloxy)-5-fluorophenyl]-1-{[(3-ethylbenzyl)amino]methyl}propyl 3-(aminocarbonyl)-5-[(dipropylamino)carbonyl]benzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(2-({[(3-methoxyphenyl)amino]arbonyl]benzoate} (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(2-({[(3-methoxyphenyl)amino]carbonyl]benzoate} (1R,2S)-2-amino-3-(3,5-difluorophenyl)-2-hydroxybutyl]-2-(2,3-dihydro-1-benzofuran-5-yl)-N-(3-ethylbenzyl)-1,3-thiazole-4-carboxamide (25-M-((2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-2-(2,3-dihydro-1-benzofuran-5-yl)-N-(3-ethylbenzyl)-1,3-thiazole-4-carboxamide (26-2-N-((2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-methoxybenzyl)-5-methyl-N-N-dipropylisophthalamide (26-2-N-((2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N-pentylmalonamide (27-N-((2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N-pentylmalonamide (28-N-((2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-3-((dipropylamino)sulfonyl]-N-(3-methoxybenzyl)propanamide (29-N-((2R,3S)-3-amino-4-(3-fluoro-4-methylphenyl)-2-hydroxybutyl]-3-((dipropylamino)sulfonyl]-N-(3-methoxybenzyl)propanamide (30-N-((2R,3S)-3-amino-4-(3-fluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)		methylbenzoate
[(dipropylamino)carbonyl]-5-methylbenzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 3-{(2-[(methylamino)carbonyl]phenyl}thio)propanoate (1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-phenylpropyl 3-[(1-propylbutyl)thio)propanoate hydrochloride (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 4-[(4-ethoxyphenyl)amino]-4-oxobutanoate (1R,2S)-2-amino-3-(3-(5-bnzyloxy)-5-fluorophenyl]-1-{[(3-ethylbenzyl)amino]methyl}propyl 3-(aminocarbonyl]-5-[(dipropylamino)carbonyl]benzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{([2-({[(3-methoxyphenyl)amino]arbonyl]penzoate} (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{([2-({[(3-methoxyphenyl)amino]carbonyl]penzoate} (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-hydroxybutyl]-2-(2,3-dihydro-1-benzofuran-5-yl)-N-(3-ethylbenzyl)-1,3-thiazole-4-carboxamide N-{(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-2-(2,3-dihydro-1-benzofuran-5-yl)-N-(3-ethylbenzyl)-1,3-thiazole-4-carboxamide N-{(2R,3S)-3-amino-4-(3-[0-benzyl)oxy)phenyl]-2-hydroxybutyl]-N-(3-ethylbenzyl)-N-(3-methoxybenzyl)-5-methyl-N-N-dipropylisophthalamide N-{(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N-(pentylmalonamide N-{(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-3-(trifluoromethoxy)benzamide N-{(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-([dipropylamino)sulfonyl]-N-(3-methoxybenzyl)propanamide N-{(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-([dipropylamino)sulfonyl]-N-(3-methylbutyl)propanamide N-{(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-([dipropylamino)sulfonyl]-N-(3-methylbutyl)propanamide N-{(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-(-cyanoethyl)-N-(3-ethylbenzyl)succinamide N-{(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)N-(3-ethylbenzyl)-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)-N-(3-ethylb	810	(1R,2R)-2-amino-1-{[(3-methoxybenzyl)amino methyl}-3-(phenylthio)propyl 3-
812 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 3-{(2-[(methylamino)carbonyl]phenyl}thio)propanoate 814 (1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-phenylpropyl 3-[(1-propylbutyl)thio]propanoate hydrochloride 816 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 4-[(4-ethoxyphenyl)amino]-4-oxobutanoate 818 (1R,2S)-2-amino-3-[3-(benzyloxy)-5-fluorophenyl]-1-{[(3-methylbutyl)amino]methyl}propyl 3-(dipropylamino)carbonyl]benzoate 820 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-({[2-({[(3-methoxyphenyl)]amino]carbonyl]-5-methylbenzoate 825 (1R,2S)-3-amino-4-(3,5-difluorophenyl)-1-(4[2-({[(3-methoxyphenyl)]amino]carbonyl]-5-methylbenzoate 626 N-{(2R,3S)-3-amino-4-{[3-(benzyloxy)phenyl]-2-hydroxybutyl]-2-(2,3-dihydro-1-benzofuran-5-yl)-N-(3-ethylbenzyl)-1,3-thiazole-4-carboxamide 627 N-{(2R,3S)-3-amino-4-{[3-(benzyloxy)phenyl]-2-hydroxybutyl]-N-(3-methoxybenzyl)-5-methylbenzyl)-N-(3-methoxybenzyl)-5-hydroxybutyl]-N-(3-methoxybenzyl)-5-hydroxybutyl]-N-(3-methoxybenzyl)-5-hydroxybutyl]-N-(3-ethylbenzyl)-N-(2-methoxybenzyl)propanamide 631 N-{(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-3-((dipropylamino)sulfonyl]-N-(3-methoxybenzyl)propanamide 633 N-{(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-((dipropylamino)sulfonyl]-N-(3-methoxybenzyl)propanamide 635 N-{(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-(4,4-dimethyl-2,5-dioxoimidazolidin-1-yl)-		[(dipropylamino)carbonyl]-5-methylbenzoate
[(methylamino)carbonyl]phenyl}thio)propanoate (1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-phenylpropyl 3-[(1-propylbutyl)thio]propanoate hydrochloride (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}-propyl 4-[(4-ethoxyphenyl)amino]-4-oxobutanoate (1R,2S)-2-amino-3-[3-(benzyloxy)-5-fluorophenyl]-1-{[(3-methylbenzyl)amino]methyl}-propyl 3-(aminocarbonyl]-5-[(dipropylamino)carbonyl]-benzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(2-({[(3-methylbenzyl-amino)a-d-oxobut]-5-[(dipropylamino)carbonyl]-5-methylbenzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{([(2-({[(3-methoxyphenyl)]amino]a-d-oxobutyl]-3-[(dipropylamino)carbonyl]-5-methylbenzoate (1R,2S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-2-(2,3-dihydro-1-benzofuran-5-yl)-N-(3-ethylbenzyl)-1,3-thiazole-4-carboxamide N-{(2R,3S)-3-amino-4-[3-(benzyloxy)phenyl]-2-hydroxybutyl]-N-(3-methoxybenzyl)-5-methyl-N-N-dipropylisophthalamide N-{(2R,3S)-3-amino-4-(4-chlorophenyl)-2-hydroxybutyl]-N-(3-methoxybenzyl)-N-pentylmalonamide N-{(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N-pentylmalonamide N-{(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-3-((dipropylamino)sulfonyl]-N-(3-methoxybenzyl)propanamide N-{(2R,3S)-3-amino-4-(3-fluoro-4-methylphenyl)-2-hydroxybutyl]-3-((dipropylamino)sulfonyl]-N-(3-methoxybenzyl)propanamide N-{(2R,3S)-3-amino-4-(3-fuloro-4-methylphenyl)-2-hydroxybutyl]-3-((dipropylamino)sulfonyl]-N-(3-methylbutyl)propanamide N-{(2R,3S)-3-amino-4-(3-fuloro-4-methylphenyl)-2-hydroxybutyl]-3-(4,4-dimethyl-2,5-dioxoimidazolidin-1-yl)-N-(3-ethylbenzyl)-2-hydroxybutyl]-3-(4,4-dimethyl-2,5-dioxoimidazolidin-1-yl)-N-(3-ethylbenzyl)-2-hydroxybutyl]-3-(4,4-dimethyl-2,5-dioxoimidazolidin-1-yl)-N-(3-ethylbenzyl)-2-hydroxybutyl]-3-(1-cyanoethyl)-N-(3-ethylbenzyl)-2-hydroxybutyl]-3-(1-cyanoethyl)-N-(3-ethylbenzyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)-2-hydroxybutyl]-N-(812	
[(methylamino)carbonyl]phenyl}thio)propanoate (1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-phenylpropyl 3-[(1-propylbutyl)thio]propanoate hydrochloride (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}-propyl 4-[(4-ethoxyphenyl)amino]-4-oxobutanoate (1R,2S)-2-amino-3-[3-(benzyloxy)-5-fluorophenyl]-1-{[(3-methylbenzyl)amino]methyl}-propyl 3-(aminocarbonyl]-5-[(dipropylamino)carbonyl]-benzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(2-({[(3-methylbenzyl-amino)a-d-oxobut]-5-[(dipropylamino)carbonyl]-5-methylbenzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{([(2-({[(3-methoxyphenyl)]amino]a-d-oxobutyl]-3-[(dipropylamino)carbonyl]-5-methylbenzoate (1R,2S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-2-(2,3-dihydro-1-benzofuran-5-yl)-N-(3-ethylbenzyl)-1,3-thiazole-4-carboxamide N-{(2R,3S)-3-amino-4-[3-(benzyloxy)phenyl]-2-hydroxybutyl]-N-(3-methoxybenzyl)-5-methyl-N-N-dipropylisophthalamide N-{(2R,3S)-3-amino-4-(4-chlorophenyl)-2-hydroxybutyl]-N-(3-methoxybenzyl)-N-pentylmalonamide N-{(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N-pentylmalonamide N-{(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-3-((dipropylamino)sulfonyl]-N-(3-methoxybenzyl)propanamide N-{(2R,3S)-3-amino-4-(3-fluoro-4-methylphenyl)-2-hydroxybutyl]-3-((dipropylamino)sulfonyl]-N-(3-methoxybenzyl)propanamide N-{(2R,3S)-3-amino-4-(3-fuloro-4-methylphenyl)-2-hydroxybutyl]-3-((dipropylamino)sulfonyl]-N-(3-methylbutyl)propanamide N-{(2R,3S)-3-amino-4-(3-fuloro-4-methylphenyl)-2-hydroxybutyl]-3-(4,4-dimethyl-2,5-dioxoimidazolidin-1-yl)-N-(3-ethylbenzyl)-2-hydroxybutyl]-3-(4,4-dimethyl-2,5-dioxoimidazolidin-1-yl)-N-(3-ethylbenzyl)-2-hydroxybutyl]-3-(4,4-dimethyl-2,5-dioxoimidazolidin-1-yl)-N-(3-ethylbenzyl)-2-hydroxybutyl]-3-(1-cyanoethyl)-N-(3-ethylbenzyl)-2-hydroxybutyl]-3-(1-cyanoethyl)-N-(3-ethylbenzyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)-2-hydroxybutyl]-N-(ethylbenzyl)amino]methyl}propyl 3-({2-
(1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-phenylpropyl 3-[(1-propylbutyl)thio]propanoate hydrochloride (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 4-[(4-ethoxyphenyl)amino]-4-oxobutanoate (1R,2S)-2-amino-3-(3-(benzyloxy)-5-fluorophenyl]-1-{[(3-methylbutyl)amino]methyl}propyl 3-(aminocarbonyl)-5- ([(dipropylamino)carbonyl]benzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-({[2-({[(3-methoxyphenyl)amino]carbonyl]benzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-({[2-({[(3-methoxyphenyl)amino]carbonyl]-5-methylbenzoate (1R,2S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-2-(2,3-dihydro-1-benzofuran-5-yl)-N-(3-ethylbenzyl)-1,3-thiazole-4-carboxamide N-{(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-methoxybenzyl)-5-methyl-N/N-dipropylisophthalamide N-{(2R,3S)-3-amino-4-(4-chlorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N-pentylmalonamide N-{(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N-pentylmalonamide N-{(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-3-((dipropylamino)sulfonyl]-N-(3-methoxybenzyl)propanamide N-{(2R,3S)-3-amino-4-(3-fluoro-4-methylphenyl)-2-hydroxybutyl]-3-((dipropylamino)sulfonyl]-N-(3-methoxybenzyl)propanamide N-{(2R,3S)-3-amino-4-(3-fluoro-4-methylphenyl)-2-hydroxybutyl]-3-((dipropylamino)sulfonyl]-N-(3-methoxybenzyl)propanamide N-{(2R,3S)-3-amino-4-(3-fluorophenyl)-2-hydroxybutyl]-3-((dipropylamino)sulfonyl]-N-(3-methylbutyl)propanamide N-{(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-(4,4-dimethyl-2,5-dioxoimidazolidin-1-yl)-N-(3-methylbutyl)propanamide N-{(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-(1-cyanoethyl)-N-(3-ethylbenzyl)benzamide N-{(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-(1-cyanoethyl)-N-(3-ethylbenzyl)benzamide N-{(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)-N		
propylbutyl)thio]propanoate hydrochloride (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 4-[(4-ethoxyphenyl)amino]-4-oxobutanoate (1R,2S)-2-amino-3-[3-(benzyloxy)-5-fluorophenyl]-1-{[(3-methylbutyl)amino]methyl}propyl 3-(aminocarbonyl)-5- [(dipropylamino)carbonyl]benzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-({[2-({[(3-methyzhpenyl)amino]carbonyl}oxy)ethyl]amino}methyl)propyl 3- [(dipropylamino)carbonyl]-5-methylbenzoate (1R,2S)-2-amino-4-(3,5-difluorophenyl)-1-({[2-({[(3-methoxyphenyl)amino]carbonyl}oxy)ethyl]amino}methyl)propyl 3- [(dipropylamino)carbonyl]-5-methylbenzoate (25 N-{(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-2-(2,3-dihydro-1-benzofuran-5-yl)-N-(3-ethylbenzyl)-1,3-thiazole-4-carboxamide (26 N-{(2R,3S)-3-amino-4-[3-(benzyloxy)phenyl]-2-hydroxybutyl]-N-(3-methoxybenzyl)-5-methyl-N',N-dipropylisophthalamide (27 N-{(2R,3S)-3-amino-4-(4-chlorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N'-pentylmalonamide (28 N-{(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N'-pentylmalonamide (30 N-{(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-3- [(dipropylamino)sulfonyl]-N-(3-methoxybenzyl)propanamide (31 N-{(2R,3S)-3-amino-4-(3-fluoro-4-methylphenyl)-2-hydroxybutyl]-3- [(dipropylamino)sulfonyl]-N-(3-methoxybenzyl)propanamide (32 N-{(2R,3S)-3-amino-4-(3-fluoro-5-fluorophenyl)-2-hydroxybutyl]-3- [(dipropylamino)sulfonyl]-N-(3-methylbutyl)propanamide (33 N-{(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-(4,4-dimethyl-2,5-dioxoimidazolidin-1-yl)-N-(3-ethylbenzyl)-2-{[(1-propylbutyl)sulfonyl]methyl)propanamide (43 N-{(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-(1-cyanoethyl)-N-(3-ethylbenzyl)benzamide (44 N-{(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)-N-(3-et	814	$(1R,2S)$ -2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-phenylpropyl 3-[(1-
(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 4-[(4-ethoxyphenyl)amino]-4-oxobutanoate		propylbutyl)thio propanoate hydrochloride
ethylbenzyl)amino]methyl}propyl 4-[(4-ethoxyphenyl)amino]-4-oxobutanoate (1R,2S)-2-amino-3-[3-(benzyloxy)-5-fluorophenyl]-1-{[(3-methylbutyl)amino]methyl}propyl 3-(aminocarbonyl)-5- [[(dipropylamino)carbonyl]benzoate 820 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-({[2-({[(3-methoxyphenyl)amino]carbonyl]penzoate} 820 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-({[2-({[(3-methoxyphenyl)amino]carbonyl]-5-methylbenzoate} 821 (dipropylamino)carbonyl]-5-methylbenzoate 822 (N-(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-2-(2,3-dihydro-1-benzofuran-5-yl)-N-(3-ethylbenzyl)-1,3-thiazole-4-carboxamide 823 (N-(2R,3S)-3-amino-4-[3-(benzyloxy)phenyl]-2-hydroxybutyl]-N-(3-methoxybenzyl)-5-methyl-N/N-dipropylisophthalamide 824 (N-(2R,3S)-3-amino-4-(4-chlorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N-pentylmalonamide 825 ((dipropylamino)sulfonyl]-N-(3-methoxybenzyl)propanamide 826 ((2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N-pentylmalonamide 827 ((2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N-(3-methoxybenzyl)propanamide 838 ((dipropylamino)sulfonyl]-N-(3-methoxybenzyl)propanamide 849 (N-(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-((dipropylamino)sulfonyl]-N-(3-methylbutyl)propanamide 840 (N-(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-(4,4-dimethyl-2,5-dioxoimidazolidin-1-yl)-N-(3-ethylbenzyl)-2-{[(1-propylbutyl)sulfonyl]methyl}propanamide 841 (N-(4-(acetylamino)phenyl]-N-((2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-(1-cyanoethyl)-N-(3-ethylbenzyl)benzamide 843 (N-(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)succinamide 844 (N-(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)-N-(816	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3-$
(1R,2S)-2-amino-3-[3-(benzyloxy)-5-fluorophenyl]-1-{[(3-methylbutyl)amino]methyl}propyl 3-(aminocarbonyl]-5- [[(dipropylamino)carbonyl]benzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-({[2-({[(3-methoxyphenyl)amino]carbonyl]penzoate} (R,2S)-2-amino-3-(3,5-difluorophenyl)-1-({[(3-methoxyphenyl)amino]carbonyl]penzoate} (25 N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-2-(2,3-dihydro-1-benzofuran-5-yl)-N-(3-ethylbenzyl)-1,3-thiazole-4-carboxamide N-[(2R,3S)-3-amino-4-[3-(benzyloxy)phenyl]-2-hydroxybutyl]-N-(3-methoxybenzyl)-5-methyl-N/N-dipropylisophthalamide N-[(2R,3S)-3-amino-4-(4-chlorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N-pentylmalonamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N-pentylmalonamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N-[(dipropylamino)sulfonyl]-N-(3-methoxybenzyl)propanamide N-[(2R,3S)-3-amino-4-(3-chloro-5-fluorophenyl)-2-hydroxybutyl]-3-[(dipropylamino)sulfonyl]-N-(3-methoxybenzyl)propanamide N-[(2R,3S)-3-amino-4-(3-chloro-5-fluorophenyl)-2-hydroxybutyl]-3-[(dipropylamino)sulfonyl]-N-(3-methylbutyl)propanamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-(4,4-dimethyl-2,5-dioxoimidazolidin-1-yl)-N-(3-ethylbenzyl)-2-[[(1-propylbutyl)sulfonyl]methyl)propanamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-(1-cyanoethyl)-N-(3-ethylbenzyl)benzamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-(1-cyanoethyl)-N-(3-ethylbenzyl)benzamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N-(3-ethyl		ethylbenzyl)amino]methyl}propyl 4-[(4-ethoxyphenyl)amino]-4-oxobutanoate
methylbutyl)amino]methyl}propyl 3-(aminocarbonyl)-5- [(dipropylamino)carbonyl]benzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-({[2-({[(3-methoxyhenyl)amino]carbonyl}oxy)ethyl]amino}methyl)propyl 3- [(dipropylamino)carbonyl]-5-methylbenzoate N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-2-(2,3-dihydro-1-benzofuran-5-yl)-N-(3-ethylbenzyl)-1,3-thiazole-4-carboxamide N-{(2R,3S)-3-amino-4-[3-(benzyloxy)phenyl]-2-hydroxybutyl}-N-(3-methoxybenzyl)-5-methyl-N-N-dipropylisophthalamide N-[(2R,3S)-3-amino-4-(4-chlorophenyl)-2-hydroxybutyl]-3- [(dipropylamino)sulfonyl]-N-(3-methoxybenzyl)propanamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N-pentylmalonamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-3- [(dipropylamino)sulfonyl]-N-(3-methoxybenzyl)propanamide N-[(2R,3S)-3-amino-4-(3-fluoro-4-methylphenyl)-2-hydroxybutyl]-3- [(dipropylamino)sulfonyl]-N-(3-methoxybenzyl)propanamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3- [(dipropylamino)sulfonyl]-N-(3-methylbutyl)propanamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-(4,4-dimethyl-2,5-dioxoimidazolidin-1-yl)-N-(3-ethylbenzyl)-2-{[(1-propylbutyl)sulfonyl]methyl}propanamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-(1-cyanoethyl)-N-(3-ethylbenzyl)succinamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)succinamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)	818	$(1R,2S)$ -2-amino-3-[3-(benzyloxy)-5-fluorophenyl]-1-{[(3-
[(dipropylamino)carbonyl]benzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-({[2-({[(3-methoxyphenyl)amino]carbonyl]-5-methylbenzoate} [(dipropylamino)carbonyl]-5-methylbenzoate N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-2-(2,3-dihydro-1-benzofuran-5-yl)-N-(3-ethylbenzyl)-1,3-thiazole-4-carboxamide N-{(2R,3S)-3-amino-4-[3-(benzyloxy)phenyl]-2-hydroxybutyl}-N-(3-methoxybenzyl)-5-methyl-N',N'-dipropylisophthalamide N-[(2R,3S)-3-amino-4-(4-chlorophenyl)-2-hydroxybutyl]-3-[(dipropylamino)sulfonyl]-N-(3-methoxybenzyl)propanamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N'-pentylmalonamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-3-((dipropylamino)sulfonyl]-N-(3-methoxybenzyl)propanamide N-[(2R,3S)-3-amino-4-(3-fluoro-4-methylphenyl)-2-hydroxybutyl]-3-[(dipropylamino)sulfonyl]-N-(3-methoxybenzyl)propanamide N-[(2R,3S)-3-amino-4-(3-chloro-5-fluorophenyl)-2-hydroxybutyl]-3-((dipropylamino)sulfonyl]-N-(3-methylbutyl)propanamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-(4,4-dimethyl-2,5-dioxoimidazolidin-1-yl)-N-(3-ethylbenzyl)-2-{[(1-propylbutyl)sulfonyl]methyl}propanamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-(1-cyanoethyl)-N-(3-ethylbenzyl)succinamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N-(3-e		methylbutyl)amino methyl propyl 3-(aminocarbonyl)-5-
 (1<i>R</i>,2<i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-({[2-({[(3-methoxyphenyl)amino]carbonyl}oxy)ethyl]amino} methyl)propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate <i>N</i>-[(2<i>R</i>,3<i>S</i>)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-2-(2,3-dihydro-1-benzofuran-5-yl)-<i>N</i>-(3-ethylbenzyl)-1,3-thiazole-4-carboxamide <i>N</i>-{(2<i>R</i>,3<i>S</i>)-3-amino-4-[3-(benzyloxy)phenyl]-2-hydroxybutyl}-<i>N</i>-(3-methoxybenzyl)-5-methyl-<i>N</i>',<i>N</i>-dipropylisophthalamide <i>N</i>-[(2<i>R</i>,3<i>S</i>)-3-amino-4-(4-chlorophenyl)-2-hydroxybutyl]-3-[(dipropylamino)sulfonyl]-<i>N</i>-(3-methoxybenzyl)propanamide <i>N</i>-[(2<i>R</i>,3<i>S</i>)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-<i>N</i>-(3-ethylbenzyl)-3-(tirfluoromethoxy)benzamide <i>N</i>-[(2<i>R</i>,3<i>S</i>)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-<i>N</i>-(3-ethylbenzyl)-3-(dipropylamino)sulfonyl]-<i>N</i>-(3-methoxybenzyl)propanamide <i>N</i>-[(2<i>R</i>,3<i>S</i>)-3-amino-4-(3-fluoro-4-methylphenyl)-2-hydroxybutyl]-3-[(dipropylamino)sulfonyl]-<i>N</i>-(3-methylbutyl)propanamide <i>N</i>-[(2<i>R</i>,3<i>S</i>)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-[(dipropylamino)sulfonyl]-<i>N</i>-(3-methylbutyl)propanamide <i>N</i>-[(2<i>R</i>,3<i>S</i>)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-(4,4-dimethyl-2,5-dioxoimidazolidin-1-yl)-<i>N</i>-(3-ethylbenzyl)-2-{[(1-propylbutyl)sulfonyl]methyl}propanamide <i>N</i>-[(2<i>R</i>,3<i>S</i>)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-(1-cyanoethyl)-<i>N</i>-(3-ethylbenzyl)benzamide <i>N</i>-[(2<i>R</i>,3<i>S</i>)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-<i>N</i>-(3-ethylbenzyl)-<i>N</i>-(3-ethylbenzyl)benzamide <i>N</i>-{(2<i>R</i>,3<i>S</i>)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-<i>N</i>-(3-ethylbenzyl)-<i>N</i>-(3-ethylbenzyl)-<i>N</i>-(3-ethylbenzyl)-<i>N</i>-(3-ethylbenzyl)-<i>N</i>-(3-ethylbenzyl)-2-hydroxybutyl]-<i>N</i>-(3-ethylbenzyl)-<i>N</i>-(3-ethylbenzyl)-<i>N</i>-(3-ethylbenzyl)-2-hydroxybutyl]-<i>N</i>-(3-ethylbenzyl)-<i>N</i>-(3-ethylbenzyl)-2-hydroxybutyl]-<i>N</i>-(3-ethylbenzyl)-<i>N</i>-(3-ethylbenzyl)-2-hydroxybutyl]-<i>N</i>-(3-ethylbenzyl)-<i>N</i>-(3-ethylbenzyl)-2-hydroxybutyl]-3-(1-cyanoethyl)-2-hydroxybutyl]-3-(1-cyanoethyl)-2-		
methoxyphenyl)amino]carbonyl]oxy)ethyl]amino}methyl)propyl 3- [(dipropylamino)carbonyl]-5-methylbenzoate N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-2-(2,3-dihydro-1-benzofuran-5-yl)-N-(3-ethylbenzyl)-1,3-thiazole-4-carboxamide N-{(2R,3S)-3-amino-4-[3-(benzyloxy)phenyl]-2-hydroxybutyl}-N-(3-methoxybenzyl)-5-methyl-N',N'-dipropylisophthalamide N-[(2R,3S)-3-amino-4-(4-chlorophenyl)-2-hydroxybutyl]-3- [(dipropylamino)sulfonyl]-N-(3-methoxybenzyl)propanamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N'-pentylmalonamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-3- ((dipropylamino)sulfonyl]-N-(3-methoxybenzyl)propanamide N-[(2R,3S)-3-amino-4-(3-fluoro-4-methylphenyl)-2-hydroxybutyl]-3- [(dipropylamino)sulfonyl]-N-(3-methoxybenzyl)propanamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3- [(dipropylamino)sulfonyl]-N-(3-methylbutyl)propanamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-(4,4-dimethyl-2,5-dioxoimidazolidin-1yl)-N'-(3-ethylbenzyl)-2-{[(1-propylbutyl)sulfonyl]methyl}propanamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-(1-cyanoethyl)-N-(3-ethylbenzyl)succinamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)succinamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)succinamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N-(3-ethylb	820	
[(dipropylamino)carbonyl]-5-methylbenzoate N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-2-(2,3-dihydro-1-benzofuran-5-yl)-N-(3-ethylbenzyl)-1,3-thiazole-4-carboxamide N-{(2R,3S)-3-amino-4-[3-(benzyloxy)phenyl]-2-hydroxybutyl}-N-(3-methoxybenzyl)-5-methyl-N-N-dipropylisophthalamide N-[(2R,3S)-3-amino-4-(4-chlorophenyl)-2-hydroxybutyl]-3-[(dipropylamino)sulfonyl]-N-(3-methoxybenzyl)propanamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N-pentylmalonamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-3-((dipropylamino)sulfonyl]-N-(3-methylphenyl)-2-hydroxybutyl]-3-[(dipropylamino)sulfonyl]-N-(3-methylbenzyl)propanamide N-[(2R,3S)-3-amino-4-(3-chloro-5-fluorophenyl)-2-hydroxybutyl]-3-[(dipropylamino)sulfonyl]-N-(3-methylbutyl)propanamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-(4,4-dimethyl-2,5-dioxoimidazolidin-1-yl)-N-(3-ethylbenzyl)-2-{[(1-propylbutyl)sulfonyl]methyl}propanamide N-[4-(acetylamino)phenyl]-N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)succinamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)benzamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N		methoxyphenyl)amino]carbonyl}oxy)ethyl]amino}methyl)propyl 3-
 N-[(2R,3S)-3-amino-4-(3,5-diffuorophenyl)-2-hydroxybutyl]-2-(2,3-dihydro-1-benzofuran-5-yl)-N-(3-ethylbenzyl)-1,3-thiazole-4-carboxamide N-{(2R,3S)-3-amino-4-[3-(benzyloxy)phenyl]-2-hydroxybutyl}-N-(3-methoxybenzyl)-5-methyl-N',N'-dipropylisophthalamide N-[(2R,3S)-3-amino-4-(4-chlorophenyl)-2-hydroxybutyl]-3-[(dipropylamino)sulfonyl]-N-(3-methoxybenzyl)propanamide N-[(2R,3S)-3-amino-4-(3,5-diffuorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N'-pentylmalonamide N-[(2R,3S)-3-amino-4-(3,5-diffuorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-3-(trifluoromethoxy)benzamide N-[(2R,3S)-3-amino-4-(3-fluoro-4-methylphenyl)-2-hydroxybutyl]-3-[(dipropylamino)sulfonyl]-N-(3-methoxybenzyl)propanamide N-[(2R,3S)-3-amino-4-(3-chloro-5-fluorophenyl)-2-hydroxybutyl]-3-(dipropylamino)sulfonyl]-N-(3-methylbutyl)propanamide N-[(2R,3S)-3-amino-4-(3,5-diffuorophenyl)-2-hydroxybutyl]-3-(4,4-dimethyl-2,5-dioxoimidazolidin-1-yl)-N-(3-ethylbenzyl)-2-{[(1-propylbutyl)sulfonyl]methyl}propanamide N'-[(2R,3S)-3-amino-4-(3,5-diffuorophenyl)-2-hydroxybutyl]-3-(1-cyanoethyl)-N-(3-ethylbenzyl)benzamide N-[(2R,3S)-3-amino-4-(3,5-diffuorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)benzamide N-[(2R,3S)-3-amino-4-(3,5-diffuorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N'-(5-phenyl-1,3,4-thiadiazol-2-yl)succinamide N'-{(2R,3S)-3-amino-4-(3,5-diffuorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N'-(5-phenyl-1,3,4-thiadiazol-2-yl)succinamide N'-{(2R,3S)-3-amino-4-(3,5-diffuorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N'-(5-phenyl-1,3,4-thiadiazol-2-yl)succinamide N'-{(2R,3S)-3-amino-4-(3,5-diffuorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl-N-(2-(2-defylbenzyl-N-(2-(2-defylbenzyl-N-(2-(2-defylbenzyl-N-(2-(2-defylbenzyl-N-(2-(2-defylbenzyl-N-(2-(2-defylbenzyl-N-(2-(2-defylbenzyl-N-(2-(2-defylbenzyl-N-(2-(2-defylbenzyl-N-(2-(2-defylbenzyl-N-(2-(2-defylbenzyl-N-(2-(2-defylb		[(dipropylamino)carbonyl]-5-methylbenzoate
benzofuran-5-yl)-N-(3-ethylbenzyl)-1,3-thiazole-4-carboxamide N-{(2R,3S)-3-amino-4-[3-(benzyloxy)phenyl]-2-hydroxybutyl}-N-(3-methoxybenzyl)-5-methyl-N',N-dipropylisophthalamide N-[(2R,3S)-3-amino-4-(4-chlorophenyl)-2-hydroxybutyl]-3- [(dipropylamino)sulfonyl]-N-(3-methoxybenzyl)propanamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N'-pentylmalonamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-3- [(dipropylamino)sulfonyl]-N-(3-methoxybenzyl)propanamide N-[(2R,3S)-3-amino-4-(3-fluoro-4-methylphenyl)-2-hydroxybutyl]-3- [(dipropylamino)sulfonyl]-N-(3-methylbutyl)propanamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3- [(dipropylamino)sulfonyl]-N-(3-methylbutyl)propanamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-lydroxybutyl]-3-(4,4-dimethyl-2,5-dioxoimidazolidin-1-yl)-N-(3-ethylbenzyl)-2-{[(1-propylbutyl)sulfonyl]methyl}propanamide N-[(4-(acetylamino)phenyl]-N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-(1-cyanoethyl)-N-(3-ethylbenzyl)benzamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)benzamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N-(3-eth	625	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-2-(2,3-dihydro-1-
 N-{(2R,3S)-3-amino-4-[3-(benzyloxy)phenyl]-2-hydroxybutyl}-N-(3-methoxybenzyl)-5-methyl-N',N'-dipropylisophthalamide N-[(2R,3S)-3-amino-4-(4-chlorophenyl)-2-hydroxybutyl]-3-[(dipropylamino)sulfonyl]-N-(3-methoxybenzyl)propanamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N'-pentylmalonamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-3-(trifluoromethoxy)benzamide N-[(2R,3S)-3-amino-4-(3-fluoro-4-methylphenyl)-2-hydroxybutyl]-3-[(dipropylamino)sulfonyl]-N-(3-methoxybenzyl)propanamide N-[(2R,3S)-3-amino-4-(3-chloro-5-fluorophenyl)-2-hydroxybutyl]-3-((dipropylamino)sulfonyl]-N-(3-methylbutyl)propanamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-(4,4-dimethyl-2,5-dioxoimidazolidin-1-yl)-N-(3-ethylbenzyl)-2-{[(1-propylbutyl)sulfonyl]methyl}propanamide N-[(4-(acetylamino)phenyl]-N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-(1-cyanoethyl)-N-(3-ethylbenzyl)benzmide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N-		benzofuran-5-yl)-N-(3-ethylbenzyl)-1,3-thiazole-4-carboxamide
methoxybenzyl)-5-methyl-N',N'-dipropylisophthalamide N-[(2R,3S)-3-amino-4-(4-chlorophenyl)-2-hydroxybutyl]-3- [(dipropylamino)sulfonyl]-N-(3-methoxybenzyl)propanamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)- N'-pentylmalonamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)- 3-(trifluoromethoxy)benzamide N-[(2R,3S)-3-amino-4-(3-fluoro-4-methylphenyl)-2-hydroxybutyl]-3- [(dipropylamino)sulfonyl]-N-(3-methoxybenzyl)propanamide N-[(2R,3S)-3-amino-4-(3-chloro-5-fluorophenyl)-2-hydroxybutyl]-3- [(dipropylamino)sulfonyl]-N-(3-methylbutyl)propanamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-(4,4-dimethyl- 2,5-dioxoimidazolidin-1-yl)-N-(3-ethylbenzyl)-2-{[(1- propylbutyl)sulfonyl]methyl}propanamide N-[(4-(acetylamino)phenyl]-N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2- hydroxybutyl]-N-(3-ethylbenzyl)succinamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)- N-(3-ethylbenzyl)benzamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)- N-(5-phenyl-1,3,4-thiadiazol-2-yl)succinamide N-[(2R,3S)-3-amino-2-hydroxy-4-[3-(trifluoromethoxy)phenyl]butyl}-N-(-benzyl-N ³ ,N ³ -dipropylbenzene-1,3,5-tricarboxamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-methyl-N-[2-(2-	627	$N-\{(2R,3S)-3-\text{amino-}4-[3-(\text{benzyloxy})\text{phenyl}]-2-\text{hydroxybutyl}\}-N-(3-$
 N-[(2R,3S)-3-amino-4-(4-chlorophenyl)-2-hydroxybutyl]-3- [(dipropylamino)sulfonyl]-N-(3-methoxybenzyl)propanamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)- N-pentylmalonamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)- 3-(trifluoromethoxy)benzamide N-[(2R,3S)-3-amino-4-(3-fluoro-4-methylphenyl)-2-hydroxybutyl]-3- [(dipropylamino)sulfonyl]-N-(3-methoxybenzyl)propanamide N-[(2R,3S)-3-amino-4-(3-chloro-5-fluorophenyl)-2-hydroxybutyl]-3- [(dipropylamino)sulfonyl]-N-(3-methylbutyl)propanamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-(4,4-dimethyl- 2,5-dioxomindazolidin-1-yl)-N-(3-ethylbenzyl)-2-{[(1- propylbutyl)sulfonyl]methyl}propanamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-(1-cyanoethyl)- hydroxybutyl]-N-(3-ethylbenzyl)succinamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)- N-(3-ethylbenzyl)benzamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)- N-(5-phenyl-1,3,4-thiadiazol-2-yl)succinamide N-[(2R,3S)-3-amino-2-hydroxy-4-[3-(trifluoromethoxy)phenyl]butyl}-N- benzyl-N³,N³-dipropylbenzene-1,3,5-tricarboxamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-methyl-N-[2-(2- 		methoxybenzyl)-5-methyl-N',N'-dipropylisophthalamide
[(dipropylamino)sulfonyl]- <i>N</i> -(3-methoxybenzyl)propanamide N-[(2 <i>R</i> ,3 <i>S</i>)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- <i>N</i> -(3-ethylbenzyl)- N'-pentylmalonamide N-[(2 <i>R</i> ,3 <i>S</i>)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- <i>N</i> -(3-ethylbenzyl)- 3-(trifluoromethoxy)benzamide N-[(2 <i>R</i> ,3 <i>S</i>)-3-amino-4-(3-fluoro-4-methylphenyl)-2-hydroxybutyl]-3- [(dipropylamino)sulfonyl]- <i>N</i> -(3-methoxybenzyl)propanamide N-[(2 <i>R</i> ,3 <i>S</i>)-3-amino-4-(3-chloro-5-fluorophenyl)-2-hydroxybutyl]-3- [(dipropylamino)sulfonyl]- <i>N</i> -(3-methylbutyl)propanamide N-[(2 <i>R</i> ,3 <i>S</i>)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-(4,4-dimethyl-2,5-dioxoimidazolidin-1-yl)- <i>N</i> -(3-ethylbenzyl)-2-{[(1-propylbutyl)sulfonyl]methyl}propanamide N-[4-(acetylamino)phenyl]- <i>N</i> -[(2 <i>R</i> ,3 <i>S</i>)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-(1-cyanoethyl)- N-(3-ethylbenzyl)benzamide N-[(2 <i>R</i> ,3 <i>S</i>)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- <i>N</i> -(3-ethylbenzyl)- N-(5-phenyl-1,3,4-thiadiazol-2-yl)succinamide N-[(2 <i>R</i> ,3 <i>S</i>)-3-amino-2-hydroxy-4-[3-(trifluoromethoxy)phenyl]butyl}- <i>N</i> -1- benzyl- <i>N</i> ³ , <i>N</i> ³ -dipropylbenzene-1,3,5-tricarboxamide N-[(2 <i>R</i> ,3 <i>S</i>)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-methyl- <i>N</i> -[2-(2-6-1)]-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	629	N-[(2R,3S)-3-amino-4-(4-chlorophenyl)-2-hydroxybutyl]-3-
 N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N'-pentylmalonamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-3-(trifluoromethoxy)benzamide N-[(2R,3S)-3-amino-4-(3-fluoro-4-methylphenyl)-2-hydroxybutyl]-3-[(dipropylamino)sulfonyl]-N-(3-methoxybenzyl)propanamide N-[(2R,3S)-3-amino-4-(3-chloro-5-fluorophenyl)-2-hydroxybutyl]-3-[(dipropylamino)sulfonyl]-N-(3-methylbutyl)propanamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-(4,4-dimethyl-2,5-dioxoimidazolidin-1-yl)-N-(3-ethylbenzyl)-2-{[(1-propylbutyl)sulfonyl]methyl}propanamide N-[4-(acetylamino)phenyl]-N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)succinamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)-N-(5-phenyl-1,3,4-thiadiazol-2-yl)succinamide N-[(2R,3S)-3-amino-2-hydroxy-4-[3-(trifluoromethoxy)phenyl]butyl}-N-(5-phenyl-N)-(3-ethylbenzene-1,3,5-tricarboxamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-S-methyl-N-[2-(2-6-1)] N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-S-methyl-N-[2-(2-6-1)] N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-S-methyl-N-[2-(2-6-1)] 		[(dipropylamino)sulfonyl]-N-(3-methoxybenzyl)propanamide
N'-pentylmalonamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)- 3-(trifluoromethoxy)benzamide N-[(2R,3S)-3-amino-4-(3-fluoro-4-methylphenyl)-2-hydroxybutyl]-3- [(dipropylamino)sulfonyl]-N-(3-methoxybenzyl)propanamide N-[(2R,3S)-3-amino-4-(3-chloro-5-fluorophenyl)-2-hydroxybutyl]-3- [(dipropylamino)sulfonyl]-N-(3-methylbutyl)propanamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-(4,4-dimethyl-2,5-dioxoimidazolidin-1-yl)-N-(3-ethylbenzyl)-2-{[(1-propylbutyl)sulfonyl]methyl}propanamide N-[(2R,3S)-3-amino)phenyl]-N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)succinamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)benzamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N'-(5-phenyl-1,3,4-thiadiazol-2-yl)succinamide N-[(2R,3S)-3-amino-2-hydroxy-4-[3-(trifluoromethoxy)phenyl]butyl}-N'-benzyl-N',N'-dipropylbenzene-1,3,5-tricarboxamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-methyl-N-[2-(2-6-1)-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	631	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-
3-(trifluoromethoxy)benzamide N-[(2R,3S)-3-amino-4-(3-fluoro-4-methylphenyl)-2-hydroxybutyl]-3- [(dipropylamino)sulfonyl]-N-(3-methoxybenzyl)propanamide N-[(2R,3S)-3-amino-4-(3-chloro-5-fluorophenyl)-2-hydroxybutyl]-3- [(dipropylamino)sulfonyl]-N-(3-methylbutyl)propanamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-(4,4-dimethyl-2,5-dioxoimidazolidin-1-yl)-N-(3-ethylbenzyl)-2-{[(1-propylbutyl)sulfonyl]methyl}propanamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)succinamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-(1-cyanoethyl)-N-(3-ethylbenzyl)benzamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N-(5-phenyl-1,3,4-thiadiazol-2-yl)succinamide N-[(2R,3S)-3-amino-2-hydroxy-4-[3-(trifluoromethoxy)phenyl]butyl}-N-(benzyl-N ³ ,N ³ -dipropylbenzene-1,3,5-tricarboxamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-methyl-N-[2-(2-1)-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1		N-pentylmalonamide
3-(trifluoromethoxy)benzamide N-[(2R,3S)-3-amino-4-(3-fluoro-4-methylphenyl)-2-hydroxybutyl]-3- [(dipropylamino)sulfonyl]-N-(3-methoxybenzyl)propanamide N-[(2R,3S)-3-amino-4-(3-chloro-5-fluorophenyl)-2-hydroxybutyl]-3- [(dipropylamino)sulfonyl]-N-(3-methylbutyl)propanamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-(4,4-dimethyl-2,5-dioxoimidazolidin-1-yl)-N-(3-ethylbenzyl)-2-{[(1-propylbutyl)sulfonyl]methyl}propanamide N-[(2R,3S)-3-amino)phenyl]-N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)succinamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)benzamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N-(5-phenyl-1,3,4-thiadiazol-2-yl)succinamide N-[(2R,3S)-3-amino-2-hydroxy-4-[3-(trifluoromethoxy)phenyl]butyl}-N-(benzyl-N^3,N^3-dipropylbenzene-1,3,5-tricarboxamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-methyl-N-[2-(2-1)-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	633	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-
[(dipropylamino)sulfonyl]- <i>N</i> -(3-methoxybenzyl)propanamide N-[(2 <i>R</i> ,3 <i>S</i>)-3-amino-4-(3-chloro-5-fluorophenyl)-2-hydroxybutyl]-3- [(dipropylamino)sulfonyl]- <i>N</i> -(3-methylbutyl)propanamide N-[(2 <i>R</i> ,3 <i>S</i>)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-(4,4-dimethyl-2,5-dioxoimidazolidin-1-yl)- <i>N</i> -(3-ethylbenzyl)-2-{[(1-propylbutyl)sulfonyl]methyl}propanamide N-[4-(acetylamino)phenyl]- <i>N</i> -[(2 <i>R</i> ,3 <i>S</i>)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- <i>N</i> -(3-ethylbenzyl)succinamide N-[(2 <i>R</i> ,3 <i>S</i>)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- <i>N</i> -(3-ethylbenzyl)- N-(3-ethylbenzyl)benzamide N-[(2 <i>R</i> ,3 <i>S</i>)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- <i>N</i> -(3-ethylbenzyl)- N'-(5-phenyl-1,3,4-thiadiazol-2-yl)succinamide N'-{(2 <i>R</i> ,3 <i>S</i>)-3-amino-2-hydroxy-4-[3-(trifluoromethoxy)phenyl]butyl}-N'- benzyl-N ³ ,N ³ -dipropylbenzene-1,3,5-tricarboxamide N-[(2 <i>R</i> ,3 <i>S</i>)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-methyl-N-[2-(2-		3-(trifluoromethoxy)benzamide
[(dipropylamino)sulfonyl]-N-(3-methoxybenzyl)propanamide N-[(2R,3S)-3-amino-4-(3-chloro-5-fluorophenyl)-2-hydroxybutyl]-3- [(dipropylamino)sulfonyl]-N-(3-methylbutyl)propanamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-(4,4-dimethyl- 2,5-dioxoimidazolidin-1-yl)-N-(3-ethylbenzyl)-2-{[(1- propylbutyl)sulfonyl]methyl}propanamide N-[4-(acetylamino)phenyl]-N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2- hydroxybutyl]-N-(3-ethylbenzyl)succinamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-(1-cyanoethyl)- N-(3-ethylbenzyl)benzamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)- N-(5-phenyl-1,3,4-thiadiazol-2-yl)succinamide N-[(2R,3S)-3-amino-2-hydroxy-4-[3-(trifluoromethoxy)phenyl]butyl}-N- benzyl-N ³ ,N ³ -dipropylbenzene-1,3,5-tricarboxamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-methyl-N-[2-(2-	635	N-[(2R,3S)-3-amino-4-(3-fluoro-4-methylphenyl)-2-hydroxybutyl]-3-
 N-[(2R,3S)-3-amino-4-(3-chloro-5-fluorophenyl)-2-hydroxybutyl]-3- [(dipropylamino)sulfonyl]-N-(3-methylbutyl)propanamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-(4,4-dimethyl-2,5-dioxoimidazolidin-1-yl)-N-(3-ethylbenzyl)-2-{[(1-propylbutyl)sulfonyl]methyl}propanamide N'-[4-(acetylamino)phenyl]-N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)succinamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-(1-cyanoethyl)-N-(3-ethylbenzyl)benzamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N'-(5-phenyl-1,3,4-thiadiazol-2-yl)succinamide N-[(2R,3S)-3-amino-2-hydroxy-4-[3-(trifluoromethoxy)phenyl]butyl}-N'-benzyl-N³,N³-dipropylbenzene-1,3,5-tricarboxamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-methyl-N-[2-(2-1)-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	<u> </u>	[(dipropylamino)sulfonyl]-N-(3-methoxybenzyl)propanamide
[(dipropylamino)sulfonyl]- <i>N</i> -(3-methylbutyl)propanamide N-[(2 <i>R</i> ,3 <i>S</i>)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-(4,4-dimethyl-2,5-dioxoimidazolidin-1-yl)- <i>N</i> -(3-ethylbenzyl)-2-{[(1-propylbutyl)sulfonyl]methyl}propanamide N'-[4-(acetylamino)phenyl]- <i>N</i> -[(2 <i>R</i> ,3 <i>S</i>)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- <i>N</i> -(3-ethylbenzyl)succinamide N-[(2 <i>R</i> ,3 <i>S</i>)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-(1-cyanoethyl)- <i>N</i> -(3-ethylbenzyl)benzamide N-[(2 <i>R</i> ,3 <i>S</i>)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- <i>N</i> -(3-ethylbenzyl)- <i>N</i> '-(5-phenyl-1,3,4-thiadiazol-2-yl)succinamide N'-{(2 <i>R</i> ,3 <i>S</i>)-3-amino-2-hydroxy-4-[3-(trifluoromethoxy)phenyl]butyl}- <i>N</i> '-benzyl- <i>N</i> ³ , <i>N</i> ³ -dipropylbenzene-1,3,5-tricarboxamide N-[(2 <i>R</i> ,3 <i>S</i>)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-methyl- <i>N</i> -[2-(2-	637	N-[(2R,3S)-3-amino-4-(3-chloro-5-fluorophenyl)-2-hydroxybutyl]-3-
2,5-dioxoimidazolidin-1-yl)- <i>N</i> -(3-ethylbenzyl)-2-{[(1-propylbutyl)sulfonyl]methyl}propanamide 641 <i>N</i> '-[4-(acetylamino)phenyl]- <i>N</i> -[(2 <i>R</i> ,3 <i>S</i>)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- <i>N</i> -(3-ethylbenzyl)succinamide 643 <i>N</i> -[(2 <i>R</i> ,3 <i>S</i>)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-(1-cyanoethyl)- <i>N</i> -(3-ethylbenzyl)benzamide 645 <i>N</i> -[(2 <i>R</i> ,3 <i>S</i>)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- <i>N</i> -(3-ethylbenzyl)- <i>N</i> '-(5-phenyl-1,3,4-thiadiazol-2-yl)succinamide 647 <i>N</i> ¹ -{(2 <i>R</i> ,3 <i>S</i>)-3-amino-2-hydroxy-4-[3-(trifluoromethoxy)phenyl]butyl}- <i>N</i> ¹ -benzyl- <i>N</i> ³ , <i>N</i> ³ -dipropylbenzene-1,3,5-tricarboxamide 649 <i>N</i> -[(2 <i>R</i> ,3 <i>S</i>)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-methyl- <i>N</i> -[2-(2-		[(dipropylamino)sulfonyl]-N-(3-methylbutyl)propanamide
2,5-dioxoimidazolidin-1-yl)-N-(3-ethylbenzyl)-2-{[(1-propylbutyl)sulfonyl]methyl}propanamide N-[4-(acetylamino)phenyl]-N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)succinamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-(1-cyanoethyl)-N-(3-ethylbenzyl)benzamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N-(5-phenyl-1,3,4-thiadiazol-2-yl)succinamide N-[(2R,3S)-3-amino-2-hydroxy-4-[3-(trifluoromethoxy)phenyl]butyl}-N-(5-phenyl-N-(3,5-difluorophenyl)-2-hydroxybutyl]-S-methyl-N-[2-(2-1)-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	639	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-(4,4-dimethyl-
 N'-[4-(acetylamino)phenyl]-N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)succinamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-(1-cyanoethyl)-N-(3-ethylbenzyl)benzamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N'-(5-phenyl-1,3,4-thiadiazol-2-yl)succinamide N¹-{(2R,3S)-3-amino-2-hydroxy-4-[3-(trifluoromethoxy)phenyl]butyl}-N¹-benzyl-N³,N³-dipropylbenzene-1,3,5-tricarboxamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-methyl-N-[2-(2-1)-1] 		2,5-dioxoimidazolidin-1-yl)-N-(3-ethylbenzyl)-2-{[(1-
hydroxybutyl]- <i>N</i> -(3-ethylbenzyl)succinamide N-[(2 <i>R</i> ,3 <i>S</i>)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-(1-cyanoethyl)- N-(3-ethylbenzyl)benzamide N-[(2 <i>R</i> ,3 <i>S</i>)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- <i>N</i> -(3-ethylbenzyl)- N'-(5-phenyl-1,3,4-thiadiazol-2-yl)succinamide N¹-{(2 <i>R</i> ,3 <i>S</i>)-3-amino-2-hydroxy-4-[3-(trifluoromethoxy)phenyl]butyl}- <i>N</i> ¹- benzyl- <i>N</i> ³, <i>N</i> ³-dipropylbenzene-1,3,5-tricarboxamide N-[(2 <i>R</i> ,3 <i>S</i>)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-methyl- <i>N</i> -[2-(2-		
hydroxybutyl]-N-(3-ethylbenzyl)succinamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-(1-cyanoethyl)- N-(3-ethylbenzyl)benzamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)- N'-(5-phenyl-1,3,4-thiadiazol-2-yl)succinamide N¹-{(2R,3S)-3-amino-2-hydroxy-4-[3-(trifluoromethoxy)phenyl]butyl}-N¹- benzyl-N³,N³-dipropylbenzene-1,3,5-tricarboxamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-methyl-N-[2-(2-	641	N'-[4-(acetylamino)phenyl]- N -[(2 R ,3 S)-3-amino-4-(3,5-difluorophenyl)-2-
N-(3-ethylbenzyl)benzamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)- N'-(5-phenyl-1,3,4-thiadiazol-2-yl)succinamide N¹-{(2R,3S)-3-amino-2-hydroxy-4-[3-(trifluoromethoxy)phenyl]butyl}-N¹- benzyl-N³,N³-dipropylbenzene-1,3,5-tricarboxamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-methyl-N-[2-(2-		hydroxybutyl]-N-(3-ethylbenzyl)succinamide
N-(3-ethylbenzyl)benzamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)- N-(5-phenyl-1,3,4-thiadiazol-2-yl)succinamide N¹-{(2R,3S)-3-amino-2-hydroxy-4-[3-(trifluoromethoxy)phenyl]butyl}-N¹- benzyl-N³,N³-dipropylbenzene-1,3,5-tricarboxamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-methyl-N-[2-(2-	643	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-(1-cyanoethyl)-
N'-(5-phenyl-1,3,4-thiadiazol-2-yl)succinamide N'-(2R,3S)-3-amino-2-hydroxy-4-[3-(trifluoromethoxy)phenyl]butyl}-N'- benzyl-N ³ ,N ³ -dipropylbenzene-1,3,5-tricarboxamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-methyl-N-[2-(2-		N-(3-ethylbenzyl)benzamide
N'-(5-phenyl-1,3,4-thiadiazol-2-yl)succinamide N'-{(2R,3S)-3-amino-2-hydroxy-4-[3-(trifluoromethoxy)phenyl]butyl}-N'-benzyl-N ³ ,N ³ -dipropylbenzene-1,3,5-tricarboxamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-methyl-N-[2-(2-	645	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-
benzyl- N^3 , N^3 -dipropylbenzene-1,3,5-tricarboxamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-methyl- N -[2-(2-		N-(5-phenyl-1,3,4-thiadiazol-2-yl)succinamide
benzyl-N ³ ,N ³ -dipropylbenzene-1,3,5-tricarboxamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-methyl-N-[2-(2-	647	$N'-\{(2R,3S)-3-amino-2-hydroxy-4-[3-(trifluoromethoxy)phenyl]butyl\}-N'-$
N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-methyl- $N-[2-(2-1)]$		benzyl-N ³ ,N ³ -dipropylbenzene-1,3,5-tricarboxamide
oxo-2-pyrrolidin-1-ylethoxy)phenyl]-N',N'-dipropylisophthalamide	649	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-methyl- $N-[2-(2-1)]$
		oxo-2-pyrrolidin-1-ylethoxy)phenyl]-N',N'-dipropylisophthalamide

651	N^{1} -[(2R,3S)-3-amino-4-(4-chlorophenyl)-2-hydroxybutyl]- N^{1} -(3-methylbutyl)-
651	N^3 , N^3 -dipropylbenzene-1,3,5-tricarboxamide
653	N-([2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-2-(1,1-
055	dioxidotetrahydro-2-thienyl)-N-(3-ethylbenzyl)acetamide
655	N-[(2R,3S)-3-amino-4-(4-chlorophenyl)-2-hydroxybutyl]-N-benzyl-5-methyl-
055	N',N'-dipropylisophthalamide
657	N-[(2 R ,3 S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- N -(3-ethylbenzyl)-
057	5-hex-1-yn-1-ylnicotinamide
659	N-[(2R,3S)-3-amino-4-(3-bromophenyl)-2-hydroxybutyl]-3-
039 .	[(dipropylamino)sulfonyl]-N-(3-methylbutyl)propanamide
661	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-
001	3-methoxyisoxazole-5-carboxamide
663	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-
003	2,3-dimethyl-1 <i>H</i> -indole-7-carboxamide
665	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-4-(3-chlorophenyl)-
003	N-(3-ethylbenzyl)-2-hydroxy-4-oxobutanamide
667	N^{1} -[(2R,3S)-3-amino-4-(3-fluoro-4-methoxyphenyl)-2-hydroxybutyl]- N^{1} -(3-
007	methoxybenzyl)- N^3 , N^3 -dipropylbenzene-1,3,5-tricarboxamide
669	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-
009	2-(1-methyl-1 <i>H</i> -indol-3-yl)-2-oxoacetamide
671	N-[(2R,3S)-3-amino-4-(3-fluoro-4-methylphenyl)-2-hydroxybutyl]-5-methyl- $N-[(2R,3S)-3-amino-4-(3-fluoro-4-methylphenyl)-2-hydroxybutyl]$
0/1	(3-methylbutyl)-N',N'-dipropylisophthalamide
673	N-[(2R,3S)-3-amino-2-hydroxy-4-(4-methylphenyl)butyl]-3-
0/3	[(dipropylamino)sulfonyl]-N-(3-methoxybenzyl)propanamide
675	N^1 -[(2R,3S)-3-amino-4-(3-fluoro-4-methylphenyl)-2-hydroxybutyl]- N^1 -benzyl-
073	N^3 , N^3 -dipropylbenzene-1,3,5-tricarboxamide
677	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-
0,,	2-[5-(4-methylphenyl)-2 <i>H</i> -tetrazol-2-yl]acetamide
679	N-[(2R,3S)-3-amino-4-(3,5-dichlorophenyl)-2-hydroxybutyl]-3-
0,,,	[(dipropylamino)sulfonyl]-N-(3-methoxybenzyl)propanamide
681	N^1 -[(2R,3S)-3-amino-2-hydroxy-4-(2-thienyl)butyl]- N^1 -(3-methylbutyl)- N^3 , N^3 -
	dipropylbenzene-1.3.5-tricarboxamide
683	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-
332	5-methyl-3-phenylisoxazole-4-carboxamide
685	N-[(2R,3S)-3-amino-4-(4-fluorophenyl)-2-hydroxybutyl]-N-benzyl-5-methyl-
	N',N'-dipropylisophthalamide
687	N^{1} -[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- N^{1} -(3-
	ethylbenzyl)- N^2 -[(methylsulfonyl)acetyl]- N^2 -pentylglycinamide
689	
	H O F
	HO NH ₂
	Ė

691		
091		
1	F F	
	I N' N' N' N' N' N' N' N' N' N' N' N' N'	·
	F H ÖHOM	
1	NH ₂	
693		N-[(2R,3S)-3-amino-4-(3,5-
}		difluorophenyl)-2-hydroxybutyl]-N-(3-
-	N-\	ethylbenzyl)-4-(1 <i>H</i> -indol-3-yl)-4-
	O HO NH ₂ F	oxobutanamide
	N H	
695	N-[(2R,3S)-3-amino-4-(3.5-difluoroph	nenyl)-2-hydroxybutyl]-N-(5-benzyl-1,3,4-
	thiadiazol-2-yl)-N-(3-ethylbenzyl)suc	cinamide
697	N-[(2 R ,3 S)-3-amino-4-(3,5-difluoroph	nenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-
	4-(3-11uoro-4-methoxyphenyl)-4-oxol	outanamide
699	ethyl $4-([(2R,3S)-3-amino-4-(3,5-diflu$	orophenyl)-2-hydroxybutyll {3-
	[[dipropylamino]carbonyl]-5-methylb	enzovl}amino)pineridine-1-carbovylate
701	N-[(2R,3S)-3-amino-4-(3,5-difluoroph	enyl)-2-hydroxybutyll-N-(3-ethylbenzyl)-
<u></u>	4-(2-Huorobenzoyl)-1H-pyrrole-2-car	ooxamide
703	N^{1} -[(2R,3S)-3-amino-4-(4-chlorophen	yl)-2-hydroxybutyl]- N^1 -benzyl- N^3 , N^3 -
	<u> dipropylbenzene-1,3,5-tricarboxamide</u>	
705	N^{1} -{(2R,3S)-3-amino-2-hydroxy-4-[3-	(trifluoromethyl)phenyl]butyl}-N¹-(3-
505	methylbutyl)-N ³ ,N ³ -dipropylbenzene-	3,5-tricarboxamide
707	N-[(2R,3S)-3-amino-2-hydroxy-4-(4-h	ydroxyphenyl)butyl]-5-methyl-N-(3-
709	methylbutyl)-N',N'-dipropylisophthala	mide
709	N-[(2R,3S)-3-amino-4-(3,5-difluoroph	enyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-
711	2-(4-morpholin-4-ylphenyl)acetamide	
/11	N-{(2R,3S)-3-amino-2-hydroxy-4-[3-(trifluoromethoxy)phenyl]butyl}-3-
713	[(dipropylamino)sulfonyl]-N-(3-metho	xybenzyl)propanamide
/13	N-[(2R,3S)-3-amino-4-(3,5-difluorophe	enyl)-2-hydroxybutyl]-N'-benzyl-N'-(1-
715	cyclopropylethyl)-N-(3-ethylbenzyl)su	ccinamide
/13	N-[(2R,3S)-3-amino-4-(3,5-difluorophe	enyl)-2-hydroxybutyl]-3-(2,5-
717	dimethylbenzoyl)-N-(3-methoxybenzy	1)-5-methylbenzamide
, , ,	N'-(2-methoxy-5-methylphenyl)succina	enyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-
719	N-[(2R 3S)-3-amino 4 (3.5 diffuserable	amide
715	2-(3-hydroxyphenyl)acetamide	enyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-
721		3) 2.1 1 1 27 25
,	N-[(2R,3S)-3-amino-4-(3,5-difluorophe methylphenyl)methyl]-N-(3-methoxybe	myl)-2-hydroxybutyl]-3-[hydroxy(2-
723	N-[(2R,3S)-3-amino-4-(3.5,diffuerorbe	enzyl)-5-metnylbenzamide
. =0	5-(ethylthio)nicotinamide	enyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-
725		nyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-
- -	4-[4-(2-furoyl)piperazin-1-yl]-4-oxobu	anamide
727	N-[(2R,3S)-3-amino-4-(3-fluoro-4-most)]	anamide hylphenyl)-2-hydroxybutyl]-N-benzyl-5-
	methyl-N',N'-dipropylisophthalamide	y phenyl)-2-nydroxybutyl]-N-benzyl-5-
	1 J. 1. 4. Giptopynsophmalannue	

729	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-
	3-oxoisoindoline-1-carboxamide
731	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-
	3-(ethylthio)benzamide
733	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-bydroxybutyl)
	ethylbenzyl)thieno[2,3-b]quinoline-2-carboxamide
735	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-
, 55	3-(4-methyl-1,3-oxazol-2-yl)benzamide hydrochloride
737	N^{l} -[(2R,3S)-3-amino-4-(4-fluorophenyl)-2-hydroxybutyl]- N^{l} -benzyl- N^{3} , N^{3} -
131	dipropylbenzene-1,3,5-tricarboxamide
739	$N-(2-\{[[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl](3-$
137	ethylbenzyl)amino]carbonyl}phenyl)-N-methyl-2-furamide
741	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-
/41	2-hydroxy-4-(3-methoxyphenyl)-4-oxobutanamide
	2-itydroxy-4-(5-inchioxyphonyr)-4-oxooutanamac
743	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-cycloheptyl-5-
173	methyl-N',N'-dipropylisophthalamide
745	N^{l} -[(2R,3S)-3-amino-2-hydroxy-4-(4-methylphenyl)butyl]- N^{l} -(3-methylbutyl)-
/43	N^3 , N^3 -dipropylbenzene-1,3,5-tricarboxamide
747	N-[(2R,3S)-3-amino-4-(3-fluoro-5-hydroxyphenyl)-2-hydroxybutyl]-3-
747	[(dipropylamino)sulfonyl]-N-(3-methoxybenzyl)propanamide hydrochloride
740	[(dipropylamino)sulfonyi]-N-(3-methoxyoenzyi)propanamide nydroemoride
749	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-
	5-hydroxy-1 <i>H</i> -indole-2-carboxamide
751	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-
	2,2-dimethylchromane-8-carboxamide
753	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-6-benzyl- N -(3-
	ethylbenzyl)pyrazine-2-carboxamide 4-oxide
755	$2-(\{[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl](3-bydroxybutyl)]$
	methoxybenzyl)amino]carbonyl}amino)-N,N-dipropylethanesulfonamide
757	N-[(2 R ,3 S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- N -[(1 R)-1-
	(hydroxymethyl)-2-methylpropyl]-5-methyl-N',N'-dipropylisophthalamide
759	N-[(2R,3S)-3-amino-4-(3-chloro-5-fluorophenyl)-2-hydroxybutyl]-N-benzyl-3-
	[(dipropylamino)sulfonyl]propanamide
761	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-
	4-(4-methoxyphenyl)-4-oxobutanamide
763	N^1 -[(2R,3S)-3-amino-2-hydroxy-4-(4-hydroxyphenyl)butyl]- N^1 -benzyl- N^3 , N^3 -
	dipropylbenzene-1,3,5-tricarboxamide
765	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-
	3-methyl-4-oxo-3,4-dihydrophthalazine-1-carboxamide
767	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-
	3,4-dihydro-2 <i>H</i> -1,5-benzodioxepine-7-carboxamide
769	N-[(2 R ,3 S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-2-[4-(2,5-
	dioxopyrrolidin-1-yl)phenoxy]-N-(3-ethylbenzyl)acetamide
771	N^{1} -[(2R,3S)-3-amino-4-(2-furyl)-2-hydroxybutyl]- N^{1} -(3-methoxybenzyl)- N^{3} , N^{3} -
' -	dipropylbenzene-1,3,5-tricarboxamide
773	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-
' ' ' '	5-methyl-4-oxo-3,4-dihydrothieno[2,3-d]pyrimidine-6-carboxamide
775	N^{1} -[(2R,3S)-3-amino-4-(1,3-benzodioxol-5-yl)-2-hydroxybutyl]- N^{1} -(3-
1110	111 [(21,50) 5 4111110 1 (150 0011101010 5) 1) - 113 113 113 113

	methylbutyl)-N ³ ,N ³ -dipropylbenzene-1,3,5-tricarboxamide	
777	NH ₂	
///		
	" F	
l	HO NH ₂	
779	N-[(2R,3S)-3-amino-4-(3-chloro-5-fluorophenyl)-2-hydroxybutyl]-N-(3-	
	methoxybenzyl)-N',N'-dipropylpentanediamide	
781	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-	
	6-fluoro-2-hydroxyquinoline-4-carboxamide	
783	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-	
	4-oxo-4-(2-thienyl)butanamide	
785	N^{3} -{[[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl](3-	
	methoxybenzyl)amino]carbonyl}- N^1 , N^1 -dipropyl- β -alaninamide	
787	N^1 -[(2R,3R)-3-amino-2-hydroxy-4-(phenylthio)butyl]- N^1 -(3-methoxybenzyl)-	
	N^3 , N^3 -dipropylbenzene-1,3,5-tricarboxamide	
789	N-[(2 R ,3 S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- N -[(1 R)-1-	
	(hydroxymethyl)-2-methylpropyl]-5-methyl-N',N'-dipropylisophthalamide	
791	N-[(2 R ,3 S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- N -[(1 R ,2 S)-1-	
	(hydroxymethyl)-2-methylbutyl]-5-methyl-N',N'-dipropylisophthalamide	
793	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-	
	2-(phenoxymethyl)benzamide	
795	N-[(2 R ,3 S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- N -(2,4-	
	difluorophenyl)-N-(3-ethylbenzyl)pentanediamide	
797	N-[(2 R ,3 S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- N -(4,6-	
	dimethylpyrimidin-2-yl)-N-(3-ethylbenzyl)pentanediamide	
799	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-(3-	
	methoxybenzoyl)-N-(3-methoxybenzyl)-5-methylbenzamide	
801	N^{1} -{(2R,3S)-3-amino-4-[3-(benzyloxy)phenyl]-2-hydroxybutyl}- N^{1} -(3-	
	methoxybenzyl)- N^3 , N^3 -dipropylbenzene-1,3,5-tricarboxamide	
803	N-[(2 R ,3 S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-4-(3,4-	
	dichlorophenyl)-N-(3-ethylbenzyl)-4-oxobutanamide	
805	methyl $4-\{(2S,3R)-2-\text{amino}-4-[\{3-[(\text{dipropylamino})\text{carbonyl}]-5-$	
	methylbenzoyl}(3-methoxybenzyl)amino]-3-hydroxybutyl}benzoate	
807	N'-(4-acetylphenyl)- N -[(2 R ,3 S)-3-amino-4-(3,5-difluorophenyl)-2-	
·	hydroxybutyl]-N-(3-ethylbenzyl)pentanediamide	
809	$N-\{(2R,3S)-3-amino-4-[4-(benzyloxy)phenyl]-2-hydroxybutyl\}-N-(3-$	
	methoxybenzyl)-5-methyl-N',N'-dipropylisophthalamide	
811	N-[(2R,3R)-3-amino-2-hydroxy-4-(phenylthio)butyl]-N-(3-methoxybenzyl)-5-	
	methyl-N',N'-dipropylisophthalamide	
813	2-({3-[[(2 <i>R</i> ,3 <i>S</i>)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl](3-	
	ethylbenzyl)amino]-3-oxopropyl}thio)-N-methylbenzamide	
815	N-[(2R,3S)-3-amino-2-hydroxy-4-phenylbutyl]-N-(3-methoxybenzyl)-3-[(1-x)-1]-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	
	propylbutyl)thio]propanamide hydrochloride	
817	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N'-(4-	
	ethoxyphenyl)-N-(3-ethylbenzyl)succinamide	
819	N^1 -{(2R,3S)-3-amino-4-[3-(benzyloxy)-5-fluorophenyl]-2-hydroxybutyl}- N^1 -(3-	
	1 2 3 1 (5	

	methylbutyl)-N ³ ,N ³ -dipropylbenzene-1,3,5-tricarboxamide
	2-([(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]{3-
821	2-([(2R,3S)-3-amino-4-(3,5-diffuolopheny)-2-hydroxybutyff(5
	[(dipropylamino)carbonyl]-5-methylbenzoyl}amino)ethyl (3-
	methoxyphenyl)carbamate
822	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl 3-(benzyloxy)benzoate
824	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-({[(1S)-2-hydroxy-1-
	methylethyl]amino}methyl)propyl 3-[(dipropylamino)carbonyl]-5-
	methylbenzoate N 1 (ff2
826	(1R,2S)-2-amino-3-(pentafluorophenyl)-1-({[3-
	(trifluoromethyl)benzyl]amino}methyl)propyl 3-[(dipropylamino)carbonyl]-5-
	methylbenzoate 13 to 15 (16)
828	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl 4-(4-hydroxyphenyl)-4-oxobutanoate
830	$(1R,2S)$ -2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-[3-
	(trifluoromethyl)phenyl]propyl 3-[(dipropylamino)sulfonyl]propanoate
832	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl 3-(piperidin-3-ylsulfonyl)benzoate
	dihydrochloride
834	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl 6-chloro-4-hydroxyquinoline-2-carboxylate
836	$(1R,2S)$ -2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-(2-thienyl)propyl 5-
	(dipropylamino)-5-expentanoate
838	(1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-4-methylpentyl 3-
	[(dipropylamino)carbonyl]-5-methylbenzoate
840	$(1R.2.5)-2$ -amino-3-(3.5-difluorophenyl)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl (6-oxo-3-phenylpyridazin-1(6H)-yl)acetate
842	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3$ -
	ethylbenzyl)amino]methyl}propyl 3-{4-
	[(methylsulfonyl)amino]phenyl}propanoate
844	$(1R.2S)$ -2-amino-3-(4-fluoro-3-methylphenyl)-1-{[(3-
	methoxybenzyl)amino]methyl}propyl 3-(aminocarbonyl)-5-
	[(dipropylamino)carbonyl]benzoate
846	(1R,2S)-2-amino-1-[(benzylamino)methyl]-3-(4-methylphenyl)propyl 3-
0.10	[(dipropylamino)carbonyl]-5-methylbenzoate
848	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
0.0	iodobenzyl)aminolmethyl}propyl 3-(2-chlorophenoxy)propanoate
850	(1R,2S)-2-amino-3-(4-fluorophenyl)-1-{[(3-methylbutyl)amino]methyl}propyl
050	3-(aminocarbonyl)-5-[(dipropylamino)carbonyl]benzoate
852	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
054	ethylbenzyl)amino]methyl}propyl N-(4-chlorobenzoyl)-D-alaninate
854	(1R,2S)-2-amino-3-[3-(benzyloxy)-5-fluorophenyl]-1-{[(3-
0.54	methoxybenzyl)amino]methyl}propyl 3-[(dipropylamino)sulfonyl]propanoate
	hydrochloride
856	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
020	ethylbenzyl)amino]methyl}propyl 4-(4-methylphenyl)-4-oxobutanoate
050	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
858	ethylbenzyl)amino]methyl}propyl 4-oxo-4-{[3-
I	emylogizyi jammo jinginyi yi tobyioxo ([5-

	(trifluoromethyl)phenyl]amino}butan	oate
860	(1R,2S)-2-amino-3-(1,3-benzodioxol-	
ĺ	methoxybenzyl)amino]methyl}propyl	3-[(dipropylamino)carbonyl]-5-
	methylbenzoate	[(
862	(1R,2S)-2-amino-3-(3,5-difluoropheny	vI)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl (5-	
864	НО	
	HN	
	N O O	
	H ₂ N 1	·
866	F F	(100000
800		(1R,2S)-2-amino-1-{[(3-
	Q Q	methoxybenzyl)amino]methyl}-3-(3-
	0=S=0 L	methylphenyl)propyl 3-
	U-3-U H	[(dipropylamino)sulfonyl]propanoate
	NH ₂	
868	(1R,2S)-2-amino-3-(3,5-difluoropheny	1)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl iso	
870	(1R,2S)-2-amino-3-(3,5-difluoropheny	1)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl (3,5	
872	(1R,2S)-2-amino-3-(3,5-difluoropheny	1)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl 4-(2	2,5-dimethyl-1 <i>H</i> -pyrrol-1-yl)-3-
	hydroxybenzoate	
874	(1R,2S)-2-amino-3- $(3$ -bromophenyl)-1	
	methoxybenzyl)amino]methyl}propyl	5-(dipropylamino)-5-oxopentanoate
876	(1R,2S)-2-amino-3-(3,5-difluoropheny	
		[5-(cyclopentylmethyl)-1,3,4-thiadiazol-2-
070	yl]amino}-4-oxobutanoate	
878	(1R,2S)-2-amino-1-[(benzylamino)met	hyl]-3-[3-(trifluoromethyl)phenyl]propyl
000	3-(aminocarbonyl)-5-[(dipropylamino)	
880	(1R,2S)-2-amino-3- $(3,5$ -difluoropheny	1)-1-{[(3-
000	ethylbenzyl)aminojmethyl}propyl (3-c	oxo-1,2-benzisothiazol-2(3H)-yl)acetate
882	(1R,2S)-2-amino-3- $(3,5$ -difluoropheny	1)-1-({[1-methyl-5-(pyrrolidin-1-
	ylcarbonyl)-1H-pyrrol-3-yljamino}me	thyl)propyl 3-[(dipropylamino)carbonyl]-
884	5-methylbenzoate	1) 1 (((2)
00 1	(1R,2S)-2-amino-3-(3,5-difluoropheny	
886	ethylbenzyl)amino]methyl}propyl 4-(3 (1R,2S)-2-amino-3-(3,5-difluoropheny	1) 1 (((2)
300	ethylbenzyl)amino]methyl}propyl 4-(2	
888	(1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluoropheny	
300	ethylbenzyl)amino]methyl}propyl 4,6-	diethovymyriding 2 gorbarrilata
	cmyrochzyrjammojmemyr) propyr 4,0-	diedioxypyridine-2-carboxylate

890	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl 4-(5-methyl-1H-pyrrol-2-yl)-4-oxobutanoate
892	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl 3-({[2-
	(methylamino)ethyl]amino}sulfonyl)benzoate hydrochloride
894	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
	methoxybenzyl)amino]methyl}propyl 3-methyl-5-(4-methylbenzoyl)benzoate
896	(1R,2S)-2-amino-3-(1,3-benzodioxol-5-yl)-1-[(benzylamino)methyl]propyl 3-
	[(dipropylamino)carbonyl]-5-methylbenzoate
898	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl 3-(piperazin-1-ylsulfonyl)benzoate
	hydrochloride
900	$(1R,2S)$ -2-amino-1-[($\{2-[4-(aminosulfonyl)phenyl\}$ amino)methyl]-3-(3,5-
	difluorophenyl)propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate
902	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-({[2-hydroxy-1-
	(hydroxymethyl)ethyl]amino}methyl)propyl 3-[(dipropylamino)carbonyl]-5-
	methylbenzoate
904	$(1R,2S)$ -2-amino-3- $(4$ -fluoro-3-methylphenyl)-1- $\{[(3$ -
	methylbutyl)amino]methyl}propyl 3-(aminocarbonyl)-5-
	[(dipropylamino)carbonyl]benzoate
906	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3$ -
	ethylbenzyl)amino]methyl}propyl 3-(3-oxo-2,1-benzisothiazol-1(3H)-
	yl)propanoate
908	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3$ -
	ethylbenzyl)amino]methyl}propyl (2,6-dihydroxypyrimidin-4-yl)acetate
910	(1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-[3-
	(trifluoromethyl)phenyl]propyl 5-(dipropylamino)-5-oxopentanoate
912	(1R,2S)-2-amino-1-[(benzylamino)methyl]-3-(4-hydroxyphenyl)propyl 3-
	[(dipropylamino)sulfonyl]propanoate
914	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3$ -
	ethylbenzyl)amino]methyl}propyl 4-(3,4-difluorophenyl)-2-methyl-4-
	oxobutanoate
916	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3$ -
	ethylbenzyl)amino]methyl}propyl 5-oxo-5-[(2-pyridin-2-
	ylethyl)amino]pentanoate
918	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl [2-(4-fluorophenyl)-1,3-benzoxazol-5-
	yl]acetate
920	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl N-(anilinocarbonyl)glycinate
922	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3$ -
	ethylbenzyl)amino]methyl}propyl N-(2,6-dimethoxybenzoyl)glycinate
924	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3$ -
	ethylbenzyl)amino]methyl}propyl 2-(1,3-dithian-2-yl)-3-furoate
926	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3$ -
	ethylbenzyl)amino]methyl}propyl 2-[2-oxo-2-(propylamino)ethyl]benzoate
928	(1R,2S)-2-amino-1-[(benzylamino)methyl]-3-(3-bromophenyl)propyl 3-
	[(dipropylamino)sulfonyl]propanoate

930	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
	iodobenzyl)amino]methyl}propyl 3-(2-fluorophenyl)propanoate
932	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3$ -
	ethylbenzyl)amino]methyl}propyl 5-methylthiophene-2-carboxylate
934	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3-$
	iodobenzyl)amino]methyl}propyl [4-(benzyloxy)phenyl]acetate
936	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl [(5,7-dimethyl[1,2,4]triazolo[4,3-a]pyrimidin-
	3-yl)thio]acetate
938	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl 4-[(1-acetyl-2,3-dihydro-1 <i>H</i> -indol-7-
	yl)amino]-4-oxobutanoate
940	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl 5-[(3-acetylphenyl)amino]-5-oxopentanoate
942	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl 3-(4-chlorophenoxy)-2-hydroxypropanoate
944	N^3 -[(1S,2R)-3-(benzylamino)-1-(3-fluoro-4-methoxybenzyl)-2-hydroxypropyl]-
	N^1 , N^1 -dipropylbenzene-1,3,5-tricarboxamide
946	(1R,2S)-2-amino-1-[(benzylamino)methyl]-3-(3-methylphenyl)propyl 3-
	(aminocarbonyl)-5-[(dipropylamino)carbonyl]benzoate
948	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl 1 <i>H</i> -indole-7-carboxylate
950	(1R,2S)-2-amino-1-{[(3-methylbutyl)amino]methyl}-3-(3-methylphenyl)propyl
	3-(aminocarbonyl)-5-[(dipropylamino)carbonyl]benzoate
952	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl 4-(1,2,3-thiadiazol-4-yl)benzoate
954	(1 <i>R</i> ,2 <i>S</i>)-2-amino-3-[3-(benzyloxy)-5-fluorophenyl]-1-{[(3-
	methoxybenzyl)amino]methyl}propyl 3-[(dipropylamino)sulfonyl]propanoate
956	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl 3-(4,4-dimethyl-2,5-dioxoimidazolidin-1-yl)-
	2-{[(1-propylbutyl)sulfonyl]methyl}propanoate
958	(1R,2S)-2-amino-1-{[(3-methylbutyl)amino]methyl}-3-(4-methylphenyl)propyl
	3-[(dipropylamino)carbonyl]-5-methylbenzoate
960	(1R,2S)-2-amino-1-[(benzylamino)methyl]-3-[3-fluoro-5-
	(trifluoromethyl)phenyl]propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate
962	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl [1-methyl-3-(methylthio)-1H-indol-2-
	yl]acetate
964	(1R,2S)-2-amino-3-(3,5-dichlorophenyl)-1-{[(3-
	methylbutyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-
	methylbenzoate
966	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl [(2-{[4-(1,3-oxazol-5-yl)phenyl]amino}-2-
	oxoethyl)thio]acetate

1(R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 4-(2-furyl)-4-oxobutanoate	
ethylbenzyl)amino]methyl} propyl 4-(2- furyl)-4-oxobutanoate 970 (1R,2S)-2-amino-3-(3,5- difluorophenyl)-1-{{(3- ethylbenzyl)amino]methyl} propyl 3-(3- pyridin-2-yl-1,2,4-oxadiazol-5- yl)propanoate (1R,2S)-2-amino-3-(3,5- difluorophenyl)-1-{{(3- ethylbenzyl)amino]methyl} propyl [2- (acetylamino)-1,3-thiazol-4-yl]acetate 974 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{{(3- ethylbenzyl)amino]methyl} propyl [4-methyl-4H-1,2,4-triazol-3- yl)thio](phenyl)acetate 976 (1R,2S)-2-amino-3-(4,6-chlorophenyl)-1-{{(3- methylbenzyl)amino]methyl} propyl 4-[(3- ethylbenzyl)amino]methyl} propyl 4-(1,3-benzothiazol-2-yl)butanoate 978 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{{(3- ethylbenzyl)amino]methyl} propyl 4-[(3- ethylbenzyl)amino]methyl} propyl 4-[(3- ethylbenzyl)amino]methyl} propyl 4-[(3- ethylbenzyl)amino]methyl]-1-{{(3- ethylbenzyl)amino]methyl} propyl 4-[(3- ethylbenzyl)amino]methyl} propyl 4-[(3- ethylbenzyl)amino]methyl]-1-{{(3- ethylbenzyl)amino]methyl} propyl 4-[(3- ethylbenzyl)amino]methyl]-1-{{(3- ethylbenzyl)amino]methyl} propyl 3-[(dipropylamino)carbonyl]-5- methylbutyl)amino]methyl} propyl 3-[(dipropylamino)carbonyl]-5- methylbutyl)amino]methyl} propyl 3-[(dipropylamino)carbonyl]-5- methylbutyl)amino]methyl} propyl 3-[(dipropylamino)carbonyl]-5- methylbutyl)amino]methyl} propyl 3-[(dipropylamino)carbonyl]-5-	
970 1, 2, 3, 2, 3, 3, 4, 4, 1, 3, 4, 1, 1, 2, 4, 4, 1, 4, 4, 1, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4,	
970 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl} propyl 3-(3-pyridin-2-yl-1,2,4-oxadiazol-5-yl) propanoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl} propyl [2-(acetylamino)-1,3-thiazol-4-yl] acetate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl} propyl [(4-methyl-4H-1,2,4-triazol-3-yl)thio](phenyl)acetate (1R,2S)-2-amino-3-(4-chlorophenyl)-1-{[(3-methylbutyl)amino]methyl} propyl 3-(dipropylamino)carbonyl]-5-methylbenzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl} propyl 4-(1,3-benzothiazol-2-yl)butanoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl} propyl 4-[(3-chloro-4-fluorophenyl)amino]-4-oxobutanoate (1R,2S)-2-amino-3-[3-(benzyloxy)-5-fluorophenyl]-1-{[(3-ethylbenzyl)amino]methyl} propyl 3-[(dipropylamino)carbonyl]-5-methylbutyl)amino]methyl}	
970 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 3-(3-pyridin-2-yl-1,2,4-oxadiazol-5-yl)propanoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl [(4-methyl-4H-1,2,4-triazol-3-yl)thio](phenyl)acetate (1R,2S)-2-amino-3-(4-chlorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl [(4-methyl-4H-1,2,4-triazol-3-yl)thio](phenyl)acetate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 4-(1,3-benzothiazol-2-yl)butanoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 4-(3-chloro-4-fluorophenyl)amino]-4-oxobutanoate (1R,2S)-2-amino-3-[3-(benzyloxy)-5-fluorophenyl]-1-{[(3-methylbutyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-methylbutyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-methylbutyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-methylbutyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-methylbutyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-methylbutyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-methylbutyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-methylbutyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-methylbutyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-methylbutyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-methylbutyl)amino]methyl	
970 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl} propyl 3-(3-pyridin-2-yl-1,2,4-oxadiazol-5-yl)propanoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl} propyl [2-(acetylamino)-1,3-thiazol-4-yl]acetate 974 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl} propyl [(4-methyl-4H-1,2,4-triazol-3-yl)thio](phenyl)acetate 976 (1R,2S)-2-amino-3-(4-chlorophenyl)-1-{[(3-methylbutyl)amino]methyl} propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate 978 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl} propyl 4-(1,3-benzothiazol-2-yl)butanoate 980 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl} propyl 4-[(3-chloro-4-fluorophenyl)amino]-4-oxobutanoate 982 (1R,2S)-2-amino-3-[3-(benzyloxy)-5-fluorophenyl]-1-{[(3-methylbutyl)amino]methyl} propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate	
970 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl} propyl 3-(3-pyridin-2-yl-1,2,4-oxadiazol-5-yl)propanoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl} propyl [2-(acetylamino)-1,3-thiazol-4-yl]acetate 974 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl} propyl [(4-methyl-4H-1,2,4-triazol-3-yl)thio](phenyl)acetate 976 (1R,2S)-2-amino-3-(4-chlorophenyl)-1-{[(3-methylbutyl)amino]methyl} propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate 978 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl} propyl 4-(1,3-benzothiazol-2-yl)butanoate 980 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl} propyl 4-[(3-chloro-4-fluorophenyl)amino]-4-oxobutanoate 982 (1R,2S)-2-amino-3-[3-(benzyloxy)-5-fluorophenyl]-1-{[(3-methylbutyl)amino]methyl} propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate	
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difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl} propyl [2-(acetylamino)-1,3-thiazol-4-yl]acetate 974	
difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl} propyl [2-(acetylamino)-1,3-thiazol-4-yl]acetate 974	
974 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl [(4-methyl-4H-1,2,4-triazol-3-yl)thio](phenyl)acetate 976 (1R,2S)-2-amino-3-(4-chlorophenyl)-1-{[(3-methylbutyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate 978 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 4-(1,3-benzothiazol-2-yl)butanoate 980 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 4-[(3-chloro-4-fluorophenyl)amino]-4-oxobutanoate 982 (1R,2S)-2-amino-3-[3-(benzyloxy)-5-fluorophenyl]-1-{[(3-methylbutyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate	
974 (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl [(4-methyl-4 <i>H</i> -1,2,4-triazol-3-yl)thio](phenyl)acetate 976 (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(4-chlorophenyl)-1-{[(3-methylbutyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate 978 (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 4-(1,3-benzothiazol-2-yl)butanoate 980 (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 4-[(3-chloro-4-fluorophenyl)amino]-4-oxobutanoate 982 (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-[3-(benzyloxy)-5-fluorophenyl]-1-{[(3-methylbutyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate	
974 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl [(4-methyl-4H-1,2,4-triazol-3-yl)thio](phenyl)acetate 976 (1R,2S)-2-amino-3-(4-chlorophenyl)-1-{[(3-methylbutyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate 978 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 4-(1,3-benzothiazol-2-yl)butanoate 980 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 4-[(3-chloro-4-fluorophenyl)amino]-4-oxobutanoate 982 (1R,2S)-2-amino-3-[3-(benzyloxy)-5-fluorophenyl]-1-{[(3-methylbutyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate	
974 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl [(4-methyl-4H-1,2,4-triazol-3-yl)thio](phenyl)acetate 976 (1R,2S)-2-amino-3-(4-chlorophenyl)-1-{[(3-methylbutyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate 978 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 4-(1,3-benzothiazol-2-yl)butanoate 980 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 4-[(3-chloro-4-fluorophenyl)amino]-4-oxobutanoate 982 (1R,2S)-2-amino-3-[3-(benzyloxy)-5-fluorophenyl]-1-{[(3-methylbutyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate	
974 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl [(4-methyl-4H-1,2,4-triazol-3-yl)thio](phenyl)acetate 976 (1R,2S)-2-amino-3-(4-chlorophenyl)-1-{[(3-methylbutyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate 978 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 4-(1,3-benzothiazol-2-yl)butanoate 980 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 4-[(3-chloro-4-fluorophenyl)amino]-4-oxobutanoate 982 (1R,2S)-2-amino-3-[3-(benzyloxy)-5-fluorophenyl]-1-{[(3-methylbutyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate	
974 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl [(4-methyl-4H-1,2,4-triazol-3-yl)thio](phenyl)acetate 976 (1R,2S)-2-amino-3-(4-chlorophenyl)-1-{[(3-methylbutyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate 978 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 4-(1,3-benzothiazol-2-yl)butanoate 980 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 4-[(3-chloro-4-fluorophenyl)amino]-4-oxobutanoate 982 (1R,2S)-2-amino-3-[3-(benzyloxy)-5-fluorophenyl]-1-{[(3-methylbutyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate	
ethylbenzyl)amino]methyl}propyl [(4-methyl-4 <i>H</i> -1,2,4-triazol-3-yl)thio](phenyl)acetate 976	
yl)thio](phenyl)acetate 976	
976 (1R,2S)-2-amino-3-(4-chlorophenyl)-1-{[(3-methylbutyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate 978 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3- ethylbenzyl)amino]methyl}propyl 4-(1,3-benzothiazol-2-yl)butanoate 980 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3- ethylbenzyl)amino]methyl}propyl 4-[(3-chloro-4-fluorophenyl)amino]-4- oxobutanoate 982 (1R,2S)-2-amino-3-[3-(benzyloxy)-5-fluorophenyl]-1-{[(3- methylbutyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5- methylbenzoate	
3-[(dipropylamino)carbonyl]-5-methylbenzoate 978 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 4-(1,3-benzothiazol-2-yl)butanoate 980 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 4-[(3-chloro-4-fluorophenyl)amino]-4-oxobutanoate 982 (1R,2S)-2-amino-3-[3-(benzyloxy)-5-fluorophenyl]-1-{[(3-methylbutyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate	
978 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 4-(1,3-benzothiazol-2-yl)butanoate 980 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 4-[(3-chloro-4-fluorophenyl)amino]-4-oxobutanoate 982 (1R,2S)-2-amino-3-[3-(benzyloxy)-5-fluorophenyl]-1-{[(3-methylbutyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate	
ethylbenzyl)amino]methyl}propyl 4-(1,3-benzothiazol-2-yl)butanoate 980 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 4-[(3-chloro-4-fluorophenyl)amino]-4-oxobutanoate 982 (1R,2S)-2-amino-3-[3-(benzyloxy)-5-fluorophenyl]-1-{[(3-methylbutyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate	
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ethylbenzyl)amino]methyl}propyl 4-[(3-chloro-4-fluorophenyl)amino]-4- oxobutanoate 982 (1R,2S)-2-amino-3-[3-(benzyloxy)-5-fluorophenyl]-1-{[(3- methylbutyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5- methylbenzoate	
oxobutanoate 982 (1R,2S)-2-amino-3-[3-(benzyloxy)-5-fluorophenyl]-1-{[(3-methylbutyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate	
982 (1R,2S)-2-amino-3-[3-(benzyloxy)-5-fluorophenyl]-1-{[(3-methylbutyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate	
methylbutyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5- methylbenzoate	
methylbenzoate	
JOH	
ethylbenzyl)amino]methyl}propyl [(2-oxo-2,3-dihydroquinazolin-4-	
yl)thio]acetate	
823 <i>N</i> -[(2 <i>R</i> ,3 <i>S</i>)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-(benzyloxy)- <i>N</i> -	
(3-ethylbenzyl)benzamide	
N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-[(1S)-2-hydroxy-1]	

829	N ((2 D 2 C) 2		
029	N-[(2 R ,3 S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- N -(3-ethylbenzyl)-4-(4-hydroxyphenyl)-4-oxobutanamide		
831			
051	N -{(2 R ,3 S)-3-amino-2-hydroxy-4-[3-(trifluoromethyl)phenyl]butyl}-3-[(dipropylamino)sulfonyl]- N -(3-methoxybenzyl)propanamide		
833	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-		
	3-(piperidin-3-ylsulfonyl)benzamide di	ihydrochloride	
835	N-[(2 R ,3 S)-3-amino-4-(3,5-difluorophe	envl-2-hydrovybytyll 6 ablore M (2	
	ethylbenzyl)-4-hydroxyquinoline-2-car	hovamide	
837	N-[(2R.3S)-3-amino-2-hydroxy-4-(2-th	ienyl)butyl]-N-(3-methoxybenzyl)-N',N'-	
	dipropylpentanediamide	aony 1/o ary 1/-1/- (3-memoxy benzy 1/-// ,// -	
839	N-[(2R,3S)-3-amino-2-hydroxy-5-methylhexyl]-N-(3-methoxybenzyl)-5-methyl-		
	N', N'-dipropylisophthalamide		
841	N-[(2R,3S)-3-amino-4-(3,5-difluorophe	enyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-	
	$\perp 2$ -(6-oxo-3-phenylpyridazin-1(6H)-yl)a	cetamide	
843	N-[(2R,3S)-3-amino-4-(3,5-difluorophe	enyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-	
	3-{4-[(methylsulfonyl)amino phenyl}p	ropanamide	
845	N'-[(2R,3S)-3-amino-4-(4-fluoro-3-met	hylphenyl)-2-hydroxybutyll- N^{1} -(3-	
	methoxybenzyl)-N ³ ,N ³ -dipropylbenzene	e-1.3.5-tricarboxamide	
847	N-[(2R,3S)-3-amino-2-hydroxy-4-(4-methylphenyl)butyl]-N-benzyl-5-methyl-		
0.40	N',N'-dipropylisophthalamide		
849	N-[(2 R ,3 S)-3-amino-4-(3,5-difluoropher	nyl)-2-hydroxybutyl]-3-(2-	
851	chlorophenoxy)-N-(3-iodobenzyl)propa	namide	
831	N^{1} -[(2R,3S)-3-amino-4-(4-fluorophenyl))-2-hydroxybutyl]-N¹-(3-methylbutyl)-	
853	N^3 , N^3 -dipropylbenzene-1,3,5-tricarboxa	mide	
055			
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855	, (N-{(2R,3S)-3-amino-4-[3-(benzyloxy)-	
		5-fluorophenyl]-2-hydroxybutyl}-3-	
	N _S O	[(dipropylamino)sulfonyl]-N-(3-	
	H—CI	methoxybenzyl)propanamide	
	OH OH	hydrochloride	
	H ₂ N,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
	F		

857 N-[(2R,3S)-3-amino-4-(3,5-			
857		N-[(2K,55)-5-ammo-4-(5,5-	
		difluorophenyl)-2-hydroxybutyl]-N-(3-	
Ì	0	ethylbenzyl)-4-(4-methylphenyl)-4-	
1	, N	oxobutanamide	
	F I		
	HO" I I		
	W. 12		
859		(1R,2S)-2-amino-3-(3,5-	
629		difluorophenyl)-1-{[(3-	
	\big _\infty	ethylbenzyl)amino]methyl}propyl 4-	
		oxo-4-{[3-	
	(trifluoromethyl)phenyl]amino} butanoa		
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	NH H ₂ N F	·	
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	F		
861	9-	N-[(2R,3S)-3-amino-4-(1,3-	
		benzodioxol-5-yl)-2-hydroxybutyl]-N-	
	N O OH	(3-methoxybenzyl)-5-methyl-N',N'-	
	N. J. W.	dipropylisophthalamide	
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	NH ₂		
865	OH HN		
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	HO' NH ₂		
	F		
867	N-[(2R,3S)-3-amino-2-hydroxy-4-(3-m	ethylphenyl)butyl]-3-	
	[(dipropylamino)sulfonyl]-N-(3-methor	xybenzyl)propanamide	
869	N-[(2R,3S)-3-amino-4-(3,5-difluorophe	enyl)-2-hydroxybutyl]-N-(3-	
	ethylbenzyl)isoxazole-5-carboxamide		
871	N-[(2R,3S)-3-amino-4-(3,5-difluorophe	enyl)-2-hydroxybutyl]-2-(3,5-	
	dimethoxymbenovy)-N-(3-ethylbenzyl)acetamide		
873	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-4-(2,5-dimethyl-		
3,3	1 H. pyrrol-1-yl)-N-(3-ethylhenzyl)-3-hydroxybenzamide		
875	N-[(2 R ,3 S)-3-amino-4-(3-bromophenyl)-2-hydroxybutyl]- N -(3-methoxybenzyl)-		
6/3	N-[(2R,38)-3-annio-4-(3-biomophenyi)-2-nydroxyoddyi] i (c and and a nydroxyoddyi) N',N'-dipropylpentanediamide		
077	N-Aipropylpentanediamide N -[(2 R ,3 S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- N -[5-		
877	$N-[(2K,3\delta)-3-a\min(0-4-(3,3-a))]$ (cycleroptulmethyl) 1.3.4-thiodiagol-2-yll-N-(3-ethylbenzyl)succinamide		
070	(cyclopentylmethyl)-1,3,4-thiadiazol-2-yl]- N -(3-ethylbenzyl)succinamide N^{1} -{(2 R ,3 S)-3-amino-2-hydroxy-4-[3-(trifluoromethyl)phenyl]butyl}- N^{1} -benzyl-		
879	N'-{(2R,3S)-3-amino-2-hydroxy-4-[3-(militoromethyl)phenyljoutyl}-14 -benzyl		
1	N^3 , N^3 -dipropylbenzene-1,3,5-tricarboxamide		

881	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-	
	2-(3-oxo-1,2-benzisothiazol-2(3H)-yl)acetamide	
883	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-methyl- $N-[1-2R,3S)$	
	methyl-5-(pyrrolidin-1-ylcarbonyl)-1 <i>H</i> -pyrrol-3-yl]- <i>N</i> ', <i>N</i> '-	
	dipropylisophthalamide	
885	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-4-(3,4-	
	difluorophenyl)-N-(3-ethylbenzyl)-4-oxobutanamide	
887	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-	
	4-(2-naphthyl)-4-oxobutanamide	
889	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-4,6-diethoxy-N-(3-	
	ethylbenzyl)pyridine-2-carboxamide	
891	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-	
	4-(5-methyl-1 <i>H</i> -pyrrol-2-yl)-4-oxobutanamide	
893	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-	
	3-({[2-(methylamino)ethyl]amino}sulfonyl)benzamide hydrochloride	
895	N-[(2 R ,3 S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- N -(3-	
	methoxybenzyl)-3-methyl-5-(4-methylbenzoyl)benzamide	
897	N-[(2R,3S)-3-amino-4-(1,3-benzodioxol-5-yl)-2-hydroxybutyl]-N-benzyl-5-	
	methyl-N',N'-dipropylisophthalamide	
899	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-	
	3-(piperazin-1-ylsulfonyl)benzamide hydrochloride	
901	$N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-{2-[4-4-4]}$	
	(aminosulfonyl)phenyl]ethyl}-5-methyl-N',N'-dipropylisophthalamide	
903	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-[2-hydroxy-1-	
	(hydroxymethyl)ethyl]-5-methyl-N',N'-dipropylisophthalamide	
905	N^1 -[(2R,3S)-3-amino-4-(4-fluoro-3-methylphenyl)-2-hydroxybutyl]- N^1 -(3-	
	methylbutyl)- N^3 , N^3 -dipropylbenzene-1,3,5-tricarboxamide	
907	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-	
000	3-(3-oxo-2,1-benzisothiazol-1(3H)-yl)propanamide	
909	<i>N</i> -[(2 <i>R</i> ,3 <i>S</i>)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-2-(2,6-	
011	dihydroxypyrimidin-4-yl)-N-(3-ethylbenzyl)acetamide	
911	$N-\{(2R,3S)-3-amino-2-hydroxy-4-[3-(trifluoromethyl)phenyl]butyl\}-N-(3-1)n-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1$	
010	methoxybenzyl)-N',N'-dipropylpentanediamide	
913	N-[(2R,3S)-3-amino-2-hydroxy-4-(4-hydroxyphenyl)butyl]-N-benzyl-3-	
015	[(dipropylamino)sulfonyl]propanamide	
915	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-4-(3,4-difluorophenyl)-N-(3-ethylbenzyl) 2 methyl 4 overhytopenide	
017	difluorophenyl)-N-(3-ethylbenzyl)-2-methyl-4-oxobutanamide	
917	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-	
010	N'-(2-pyridin-2-ylethyl)pentanediamide	
919	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-	
021	2-[2-(4-fluorophenyl)-1,3-benzoxazol-5-yl]acetamide	
921	N^{1} -[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- N^{2} -	
	$(anilinocarbonyl)-N^1-(3-ethylbenzyl)glycinamide$	

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923		
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	NH ₂	N F(2 P 2 C) 2 amino 4 (2 5
925	Ī	N-[(2R,3S)-3-amino-4-(3,5-
	NH ₂	difluorophenyl)-2-hydroxybutyl]-2-
,	S S O F	(1,3-dithian-2-yl)-N-(3-ethylbenzyl)-3-
		furamide
	N,	
		·
927	NH ₂	N-[(2R,3S)-3-amino-4-(3,5-
921	/m·· <	difluorophenyl)-2-hydroxybutyl]-N-(3-
	/=⟨	ethylbenzyl)-2-[2-oxo-2-
	F-\	(propylamino)ethyl]benzamide
	(propylamino)ethyl]benzamide	
	, , , , , , , , , , , , , , , , , , , ,	
	<u></u>	
929	N-[(2R,3S)-3-amino-4-(3-bromophenyl)]	
	[(dipropylamino)sulfonyl]propanamide	17.0 (0.7
931		nyl)-2-hydroxybutyl]-3-(2-fluorophenyl)-
	N-(3-iodobenzyl)propanamide	17.27.60 17.11
933	N-[(2 R ,3 S)-3-amino-4-(3,5-difluorophe	nyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-
	5-methylthiophene-2-carboxamide	
935	N-[(2 R ,3 S)-3-amino-4-(3,5-difluorophe	nyl)-2-hydroxybutyl]-2-[4-
	(benzyloxy)phenyl]-N-(3-iodobenzyl)ac	cetamide
937	N-[(2R,3S)-3-amino-4-(3,5-difluorophe	nyl)-2-hydroxybutyl]-2-[(5,7-
1	dimethyl[1,2,4]triazolo[4,3-a]pyrimidir	n-3-yl)thio]-N-(3-ethylbenzyl)acetamide
939	N-(1-acetyl-2,3-dihydro-1H-indol-7-yl)- <i>N</i> -[(2 <i>R</i> ,3 <i>S</i>)-3-amino-4-(3,5-
	difluorophenyl)-2-hydroxybutyl]-N-(3-	ethylbenzyl)succinamide
941	N-(3-acetylphenyl)- N -[(2 R ,3 S)-3-amin	o-4-(3,5-difluorophenyl)-2-
•	hydroxybutyl]-N-(3-ethylbenzyl)pentar	nediamide
943	N-[(2R,3S)-3-amino-4-(3,5-difluorophe)]	enyl)-2-hydroxybutyl]-3-(4-
	chlorophenoxy)-N-(3-ethylbenzyl)-2-hy	ydroxypropanamide
945	N^3 -[(1S2R)-3-(benzylamino)-1-(3-fluo	ro-4-methoxybenzyl)-2-hydroxypropyl]-
743	N^{1} N^{1} -dipropylhenzene-1.3.5-tricarboxamide	
947	N^{1} -[(2R,3S)-3-amino-2-hydroxy-4-(3-methylphenyl)butyl]- N^{1} -benzyl- N^{3} , N^{3} -	
) 77/	dipropylbenzene-1,3,5-tricarboxamide	
949	dipropyloenzene-1,3,5-tricarboxamide $N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-$	
349	N-[(2R,3S)-3-amino-4-(3,5-diffuorophenyl)-2-nydroxybulyl]-N-(5-ethylbellzyl)-1H-indole-7-carboxamide	
051	MI (2D 2C) 2 oming 2 bydrovy 4 (2 m	nethylphenyl)hutyll_N1_(3_methylhutyl)_
951	N^{1} -[(2R,3S)-3-amino-2-hydroxy-4-(3-methylphenyl)butyl]- N^{1} -(3-methylbutyl)-	
0.50	N ³ ,N ³ -dipropylbenzene-1,3,5-tricarboxamide	
953	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-	

	4-(1,2,3-thiadiazol-4-yl)benzamide	
955	$N-\{(2R,3S)-3-amino-4-[3-(benzyloxy)-5-fluorophenyl]-2-hydroxybutyl\}-3-$	
	[(dipropylamino)sulfonyl]-N-(3-methoxybenzyl)propanamide	
957	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-(4,4-dimethyl-	
	2,5-dioxoimidazolidin-1-yl)-N-(3-ethylbenzyl)-2-{[(1-	
Ĭ	propylbutyl)sulfonyl]methyl}propanamide	
959	N-[(2R,3S)-3-amino-2-hydroxy-4-(4-methylphenyl)butyl]-5-methyl- $N-(3-methyl-$	
ĺ	methylbutyl)-N',N'-dipropylisophthalamide	
961	N-{(2R,3S)-3-amino-4-[3-fluoro-5-(trifluoromethyl)phenyl]-2-hydroxybutyl}-N-	
	benzyl-5-methyl-N',N'-dipropylisophthalamide	
963	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-	
	2-[1-methyl-3-(methylthio)-1 <i>H</i> -indol-2-yl]acetamide	
965	N-[(2R,3S)-3-amino-4-(3,5-dichlorophenyl)-2-hydroxybutyl]-5-methyl-N-(3-	
	methylbutyl)-N',N'-dipropylisophthalamide	
967	2-({2-[[(2 <i>R</i> ,3 <i>S</i>)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl](3-	
, , ,	ethylbenzyl)amino]-2-oxoethyl}thio)-N-[4-(1,3-oxazol-5-yl)phenyl]acetamide	
969	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-	
	4-(2-furyl)-4-oxobutanamide	
971	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-	
] , , <u>.</u>	3-(3-pyridin-2-yl-1,2,4-oxadiazol-5-yl)propanamide	
973	2-[2-(acetylamino)-1,3-thiazol-4-yl]-N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-	
7,5	2-hydroxybutyl]-N-(3-ethylbenzyl)acetamide	
975	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-	
7,0	2-[(4-methyl-4 <i>H</i> -1,2,4-triazol-3-yl)thio]-2-phenylacetamide	
977	N-[(2R,3S)-3-amino-4-(4-chlorophenyl)-2-hydroxybutyl]-5-methyl- $N-(3-$	
	methylbutyl)-N',N'-dipropylisophthalamide	
979	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-4-(1,3-	
- , -	benzothiazol-2-yl)-N-(3-ethylbenzyl)butanamide	
981	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-chloro-4-	
	fluorophenyl)-N-(3-ethylbenzyl)succinamide	
983	$N-\{(2R,3S)-3-amino-4-[3-(benzyloxy)-5-fluorophenyl]-2-hydroxybutyl\}-5-$	
	methyl-N-(3-methylbutyl)-N',N'-dipropylisophthalamide	
985	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-	
	2-[(2-oxo-2,3-dihydroquinazolin-4-yl)thio]acetamide	
986	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3-$	
	methoxybenzyl)amino]methyl}propyl 3-methyl-5-(2-methylbenzoyl)benzoate	
988	$(1R,2S)$ -2-amino-3-(4-hydroxyphenyl)-1-{[(3-	
	methoxybenzyl)amino]methyl}propyl 5-(dipropylamino)-5-oxopentanoate	
990	(1R,2S)-2-amino-1-[(benzylamino)methyl]-3-(4-methylphenyl)propyl 3-	
	(aminocarbonyl)-5-[(dipropylamino)carbonyl]benzoate	
992		
	ethylbenzyl)amino]methyl}propyl 4-propoxybenzoate	
994	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3-$	
	ethylbenzyl)amino]methyl}propyl 1-methyl-1 <i>H</i> -indole-2-carboxylate	
996	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3-$	
-	ethylbenzyl)amino]methyl}propyl 5-chloro-2-(3-methyl-4 <i>H</i> -1,2,4-triazol-4-	
	yl)benzoate	
998	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-	
	1 \ /- /- /	

	ethylbenzyl)amino]methyl}propyl 4-(3,4-difluorophenyl)-2-methoxy-4-	
	oxobutanoate	
1000	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-	
	ethylbenzyl)amino]methyl}propyl [3-(2-thienyl)-1H-pyrazol-1-yl]acetate	
1002	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3$ -	
	ethylbenzyl)amino]methyl}propyl 5-anilino-5-oxopentanoate	
1004	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-	
100	ethylbenzyl)amino]methyl}propyl (2-thioxo-1,3-benzothiazol-3(2H)-yl)acetate	
1006	(1R,2S)-2-amino-1-[(benzylamino)methyl]-3-cyclohexylpropyl 3-	
1000	[(dipropylamino)carbonyl]-5-methylbenzoate	
1008	$(1R,2S)$ -2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-(4-	
1000	methoxyphenyl)propyl 3-(aminocarbonyl)-5-[(dipropylamino)carbonyl]benzoate	
1010	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3-$	
1010	ethylbenzyl)amino]methyl}propyl (3-hydroxy-4-methylphenyl)acetate	
1012	$(1R,2S)$ -2-amino-3-[3-fluoro-5-(trifluoromethyl)phenyl]-1-{[(3-	
1012	methylbutyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-	
	methylbenzoate	
1014	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3$ -	
	ethylbenzyl)amino]methyl}propyl 7-fluoro-4H-imidazo[5,1-c][1,4]benzoxazine-	
	3-carboxylate	
1016	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3$ -	
1010	ethylbenzyl)amino]methyl}propyl 4-(3,4-dihydro-2 <i>H</i> -1,5-benzodioxepin-7-yl)-	
	4-oxobutanoate	
1018	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-	
	ethylbenzyl)amino]methyl}propyl 1-benzofuran-3-carboxylate	
1020	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-	
	ethylbenzyl)amino]methyl}propyl 3-[(3,4-dichlorophenyl)amino]-3-	
	oxopropanoate	
1022	(1R,2S)-2-amino-1-[(benzylamino)methyl]-3-[3-fluoro-5-	
	(trifluoromethyl)phenyl]propyl 3-(aminocarbonyl)-5-	
	[(dipropylamino)carbonyl]benzoate	
1024	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $(\{[(1R)$ -2-hydroxy-1-	
	methylethyl]amino}methyl)propyl 3-[(dipropylamino)carbonyl]-5-	
	methylbenzoate	
1026	(1R,2S)-2-amino-1-[(benzylamino)methyl]-3-(3-methylphenyl)propyl 3-	
	[(dipropylamino)carbonyl]-5-methylbenzoate	
1028	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3$ -	
	ethylbenzyl)amino]methyl}propyl 5-oxo-5-(pyridin-3-ylamino)pentanoate	
1030	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3-$	
	ethylbenzyl)amino]methyl}propyl 2-methyl-4-oxo-4H-chromene-6-carboxylate	
1032	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3-$	
	ethylbenzyl)amino]methyl}propyl ({2-[(5-methylisoxazol-3-yl)amino]-2-	
	oxoethyl}thio)acetate	
1034	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $(\{[3-(1H-imidazol-1$	
	yl)propyl]amino}methyl)propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate	
1036	$(1R,2S)$ -2-amino-3-[3-fluoro-5-(trifluoromethyl)phenyl]-1-{[(3-	
	methoxybenzyl)amino methyl propyl 3-[(dipropylamino)sulfonyl propanoate	
1038	(1R,2S)-2-amino-3-(4-hydroxyphenyl)-1-{[(3-methylbutyl)amino]methyl}propyl	

	3-[(dipropylamino)sulfonyl]propanoate		
1040	(1R,2S)-2-amino-3-(1,3-benzodioxol-5-yl)-1-{[(3-		
	methylbutyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-		
	methylbenzoate		
1042	(1R,2S)-2-amino-1-{[(3-methylbutyl)amino]methyl}-3-(2-thienyl)propyl 3-		
	[(dipropylamino)sulfonyl]propanoate		
1044	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3-$		
	ethylbenzyl)amino]methyl}propyl 4-[(2,2-dimethylpropanoyl)amino]-2-		
	hydroxybenzoate		
1046	(1R,2S)-2-amino-3-(3-methoxyphenyl)-1-{[(3-		
	methylbutyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-		
	methylbenzoate		
1048	(1R,2S)-2-amino-3-(4-fluorophenyl)-1-({[3-		
	(trifluoromethyl)benzyl]amino}methyl)propyl 3-{[(3-		
-	methoxybenzyl)amino]sulfonyl}benzoate		
1050	$(1R,2S)$ -2-amino-1-{[(3-methylbutyl)amino]methyl}-3-[3-		
	(trifluoromethyl)phenyl]propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate		
1052	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3$ -		
1002	ethylbenzyl)amino]methyl}propyl 6-(2-furoylamino)hexanoate		
1054	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3-$		
	ethylbenzyl)amino]methyl}propyl [(1-phenyl-4,5-dihydro-1 <i>H</i> -tetrazol-5-		
	yl)thio]acetate		
1056	(1S,2S)-2-amino-3-phenyl-1-({[3-(trifluoromethyl)benzyl]amino}methyl)propyl		
	3-{[(3-methoxybenzyl)amino]sulfonyl}benzoate		
1058	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3-$		
	ethylbenzyl)amino]methyl}propyl 4-(3,4-dihydro-2H-chromen-6-yl)-4-		
	oxobutanoate		
1060	$(1R,2S)$ -2-amino-3- $(3$ -methoxyphenyl)-1- $\{[(3$ -		
	methylbutyl)amino]methyl}propyl 3-(aminocarbonyl)-5-		
	[(dipropylamino)carbonyl]benzoate		
1062	$(1R,2S)$ -2-amino-3- $(3$ -fluoro-4-methylphenyl)-1- $\{[(3$ -		
	methoxybenzyl)amino]methyl}propyl 5-(dipropylamino)-5-oxopentanoate		
1064	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-		
	ethylbenzyl)amino]methyl}propyl indolizine-2-carboxylate		
1066	(1R,2S)-2-amino-1-[(benzylamino)methyl]-3-[3-		
	(trifluoromethoxy)phenyl]propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate		
1068	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3-$		
	ethylbenzyl)amino]methyl}propyl nicotinate 1-oxide		
1070	(1R,2S)-2-amino-3-[3-(benzyloxy)-5-fluorophenyl]-1-{[(3-		
	methylbutyl)amino]methyl}propyl 3-[(dipropylamino)sulfonyl]propanoate		
1072	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3-$		
	iodobenzyl)amino]methyl}propyl [(aminocarbonyl)oxy]acetate		
1074	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3-$		
	ethylbenzyl)amino methyl}propyl 2,3-dihydro-1 <i>H</i> -cyclopenta[<i>b</i>]quinoline-9-		
	carboxylate		
1076	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-		
	ethylbenzyl)amino]methyl}propyl 3-methyl-1 <i>H</i> -pyrazole-5-carboxylate		
1078	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3-$		

ethylbenzyl)amino]methyl}propyl 5-(benzoylamino)pentanoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 4-[(methoxymethyl)thio]benzoat (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 3-(1,3-benzothiazol-2-yl)-3-methoxypropanoate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-	e	
ethylbenzyl)amino]methyl}propyl 4-[(methoxymethyl)thio]benzoat 1082 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3- ethylbenzyl)amino]methyl}propyl 3-(1,3-benzothiazol-2-yl)-3- methoxypropanoate	e	
1082 (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 3-(1,3-benzothiazol-2-yl)-3-methoxypropanoate		
ethylbenzyl)amino]methyl}propyl 3-(1,3-benzothiazol-2-yl)-3-methoxypropanoate	I	
methoxypropanoate		
metnoxypropanoate		
	methoxypropanoate	
1084 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{ (3-	no3-3-(3-	
ethylbenzyl)amino]methyl}propyl 3-{[(methylamino)carbonyl]ami		
thienyl)propanoate		
1086 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-	vylate	
ethylbenzyl)amino]methyl}propyl 5-pyridin-2-ylthiophene-2-carbo	Aylate	
1088 (1R,2S)-2-amino-1-[(benzylamino)methyl]-3-[3-(benzyloxy)-5-	illhangosta	
fluorophenyl]propyl 3-(aminocarbonyl)-5-[(dipropylamino)carbony	/I JUEIZUATE	
1090 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-		
ethylbenzyl)amino]methyl}propyl (5,6-dimethyl-2,4-dioxo-1,2,3,4-		
tetrahydropyridin-3-yl)acetate		
1092 (1R,2S)-2-amino-3-(3-fluoro-4-methoxyphenyl)-1-{[(3-		
methylbutyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-	İ	
methylbenzoate		
1094 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-	5 11-4-	
ethylbenzyl)amino]methyl}propyl 2-isobutyl-1,3-dioxoisoindoline-	-5-carboxylate	
1096 (1R.2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-		
ethylbenzyl)amino]methyl}propyl 5-(acetylamino)-2-furoate		
1098 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-		
ethylbenzyl)amino]methyl}propyl N-[(4-methoxyphenyl)acetyl]gly	cinate	
1100 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-		
ethylbenzyl)amino]methyl}propyl isoquinoline-4-carboxylate		
1102 (1R,2S)-2-amino-3-[3-(benzyloxy)phenyl]-1-{[(3-		
methylbutyl)amino]methyl}propyl 3-(aminocarbonyl)-5-	•	
[(dipropylamino)carbonyl]benzoate	14	
1104 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-		
ethylbenzyl)amino]methyl}propyl (4-hydroxy-3-methoxyphenyl)ad	cetate	
1106 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-		
ethylbenzyl)amino]methyl}propyl [(4-phenyl-4H-1,2,4-triazol-3-yl)thio Jacetate	
1108 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-		
ethylbenzyl)amino]methyl}propyl (3,5-dimethoxyphenyl)acetate		
1110 (1R,2S)-2-amino-1-[(benzylamino)methyl]-3-(3-methoxyphenyl)pr	ropyl 3-	
[(dipropylamino)carbonyl]-5-methylbenzoate		
1112 $(1R,2S)$ -2-amino-3-(3,5-difluorophenyl)-1-{[(3-		
ethylbenzyl)amino]methyl}propyl (2-ethyl-4H-[1,2,4]triazolo[1,5-		
albenzimidazol-4-yl)acetate		
1114 (1R,2S)-2-amino-1-[(benzylamino)methyl]-3-(2-furyl)propyl 3-		
[(dipropylamino)carbonyl]-5-methylbenzoate		
1116 (1R.2S)-2-amino-3-(3.5-difluorophenyl)-1-{[(3-		
ethylbenzyl)amino]methyl}propyl 7-chloro-1-benzofuran-2-carbox	xylate	
1118 (1R.2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-		
ethylbenzyl)amino]methyl)propyl 2-(1,3-dioxo-1,3-dihydro-2H-is	oindol-2-	
yl)propanoate		

1120	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-	
1	ethylbenzyl)amino]methyl}propyl 3-(2-oxo-2H-1,3-benzoxazin-3(4H)-	
	yl)propanoate	
1122	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-	
	ethylbenzyl)amino]methyl}propyl (pyrimidin-2-ylthio)acetate	
1124	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-	
	ethylbenzyl)amino]methyl}propyl 4-{[3-(aminocarbonyl)-4,5,6,7-tetrahydro-1-	
İ	benzothien-2-yl]amino}-4-oxobutanoate	
1126	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-	
	ethylbenzyl)amino]methyl}propyl [(5-phenyl-1,3,4-oxadiazol-2-yl)thio]acetate	
1128	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3-$	
	ethylbenzyl)amino]methyl}propyl quinoline-6-carboxylate	
1130	(1R,2S)-2-amino-1-[(benzylamino)methyl]-3-(2-furyl)propyl 3-(aminocarbonyl)-	
	5-[(dipropylamino)carbonyl]benzoate	
1132	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3-$	
	ethylbenzyl)amino]methyl}propyl 4-(2,3-dihydro-1,4-benzodioxin-6-yl)-4-	
	oxobutanoate	
1134	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-	
	ethylbenzyl)amino]methyl}propyl 3-(1 <i>H</i> -indol-3-yl)-1 <i>H</i> -pyrazole-5-carboxylate	
1136	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3-$	
	ethylbenzyl)amino]methyl}propyl 2-hydroxy-4-	
	{[(methylamino)carbonothioyl]amino}benzoate	
1138	$(1R,2S)$ -2-amino-3-(3,5-difluorophenyl)-1-{[(3-	
	ethylbenzyl)amino]methyl}propyl 6-chloronicotinate	
1140	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3-$	
	ethylbenzyl)amino]methyl}propyl 4-(3-hydroxyphenyl)-4-oxobutanoate	
1142	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3-$	
	ethylbenzyl)amino]methyl}propyl (phthalazin-1-ylthio)acetate	
1144	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-	
	ethylbenzyl)amino]methyl}propyl [(1-oxidopyridin-2-yl)thio]acetate	
1146	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-	
	ethylbenzyl)amino]methyl}propyl 3-(acetylamino)-5-fluoro-1 <i>H</i> -indole-2-	
	carboxylate	
1148	(1S,2S)-2-amino-3-phenyl-1-({[3-(trifluoromethyl)benzyl]amino}methyl)propyl	
	3-{[(3-chlorobenzyl)amino]sulfonyl}benzoate	
1150	(1R,2S)-2-amino-3-[4-(benzyloxy)phenyl]-1-{[(3-	
	methoxybenzyl)amino]methyl}propyl 3-(aminocarbonyl)-5-	
	[(dipropylamino)carbonyl]benzoate	
1152	(1R,2S)-2-amino-3-(1,3-benzodioxol-5-yl)-1-[(benzylamino)methyl]propyl 3-	
	(aminocarbonyl)-5-[(dipropylamino)carbonyl]benzoate	
1154	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-	
	ethylbenzyl)amino]methyl}propyl 4-(3,4-dichlorophenyl)-2-hydroxy-3-methyl-	
	4-oxobutanoate	
1156	$(1R,2S)$ -2-amino-1-{[(3-methylbutyl)amino]methyl}-3-[3-	
	(trifluoromethoxy)phenyl]propyl 3-[(dipropylamino)sulfonyl]propanoate	
1158	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-	
	ethylbenzyl)amino]methyl}propyl 4-[(5-methyl-1,3,4-thiadiazol-2-yl)amino]-4-	
	oxobutanoate	

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1160	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-		
	ethylbenzyl)amino]methyl}propyl (2-ethyl-1 <i>H</i> -benzimidazol-1-yl)acetate		
1162	(1R,2S)-2-amino-3-(1,3-benzodioxol-5-yl)-1-{[(3-		
	methoxybenzyl)amino]methyl}propyl 3-[(dipropylamino)sulfonyl]propanoate		
1164	(1R,2S)-2-amino-3-(3,5-difluorophenyl)	-1-{[(3-	
	ethylbenzyl)amino methyl}propyl 3-(2-oxo-1,3-benzoxazol-3(2H)-yl)propanoate		
1166	(1R.2S)-2-amino-3-(3.5-dichlorophenyl)	-1-{[(3-	
	methylbutyl)amino methyl}propyl 3-[(dipropylamino)sulfonyl propanoate		
1168	(1R.2S)-2-amino-3-(3,5-difluorophenyl)	-1-{[(3-	
1100	ethylbenzyl)amino]methyl}propyl 4-[(6-	-methylpyridin-2-yl)amino]-4-	
	oxobutanoate		
1170	4-((1R,2S)-2-amino-3-(3,5-difluorophen	v)-1-{[(3-	
1170	ethylbenzyl)amino]methyl}propyl) 3-etl	hyl(4R)-1,3-oxazolidine-3,4-	
	dicarboxylate		
987	N-[(2R,3S)-3-amino-4-(3,5-difluorophen)]	nyl)-2-hydroxybutyl]- <i>N</i> -(3-	
907	methoxybenzyl)-3-methyl-5-(2-methylb	enzovl)benzamide	
989	OH	N-[(2R,3S)-3-amino-2-hydroxy-4-(4-	
989		hydroxyphenyl)butyl]-N-(3-	
		methoxybenzyl)-N',N'-	
		dipropylpentanediamide	
	H ₂ N	dipropyipemanosamos	
	, , , OH		
	N O N		
	Ĭ		
991	H ₂ N O H ₂ N	N^{1} -[(2R,3S)-3-amino-2-hydroxy-4-(4-	
	OH OH	methylphenyl)butyl]- N^1 -benzyl- N^3 , N^3 -	
	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	dipropylbenzene-1,3,5-tricarboxamide	
993	F	N-[(2R,3S)-3-amino-4-(3,5-	
		difluorophenyl)-2-hydroxybutyl]-N-(3-	
	NH ₂	ethylbenzyl)-4-propoxybenzamide	
	HOm		
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N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-1-methyl-lH-indole-2-carboxamide	005		1	
ethylbenzyl)-1-methyl-1 <i>H</i> -indole-2-carboxamide N-[(2 <i>R</i> ,3 <i>S</i>)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-chloro- <i>N</i> -(3-ethylbenzyl)-2-(3-methyl-4 <i>H</i> -1,2,4-triazol-4-yl)benzamide N-[(2 <i>R</i> ,3 <i>S</i>)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-4-(3,4-difluorophenyl)-2-hydroxybutyl]-4-(3,4-difluorophenyl)-2-hydroxybutyl]-4-(3,4-difluorophenyl)-2-hydroxybutyl]-4-(3,4-difluorophenyl)-2-hydroxybutyl]-1-M-(3-ethylbenzyl)-2-methoxy-4-oxobutanamide N-[(2 <i>R</i> ,3 <i>S</i>)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- <i>N</i> -(3-ethylbenzyl)- <i>N</i> -phenylpentanediamide N-[(2 <i>R</i> ,3 <i>S</i>)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- <i>N</i> -(3-ethylbenzyl)-2-(2-thioxo-1,3-benzothiazol-3(2 <i>H</i>)-yl)acetamide N-[(2 <i>R</i> ,3 <i>S</i>)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- <i>N</i> -(3-ethylbenzyl)-2-(2-thioxo-1,3-benzothiazol-3(2 <i>H</i>)-yl)acetamide N-[(2 <i>R</i> ,3 <i>S</i>)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- <i>N</i> -(3-ethylbenzyl)-2-(3-hydroxy-4-methylphenyl)acetamide N-[(2 <i>R</i> ,3 <i>S</i>)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- <i>N</i> -(3-ethylbenzyl)-2-(3-hydroxy-4-methylphenyl)acetamide	995			
997 CI NH2 N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-chloro-N-(3-ethylbenzyl)-2-(3-methyl-4H-1,2,4-triazol-4-yl)benzamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-4-(3,4-difluorophenyl)-N-(3-ethylbenzyl)-2-methoxy-4-oxobutanamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-methoxy-4-oxobutanamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)-2-(2-dhioxo-1,3-benzothiazol-3(2H)-yl)acetamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-(2-dhioxo-1,3-benzothiazol-3(2H)-yl)acetamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)-2-(3-hydroxy-4-methylphenyl)acetamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-(3-hydroxy-4-methylphenyl)acetamide				
997 CI N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-chloro-N-(3-ethylbenzyl)-2-(3-methyl-4H-1,2,4-triazol-4-yl)benzamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-methoxy-4-oxobutanamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-lydroxybutyl]-N-(3-ethylbenzyl)-3-lydroxybutyl]-N-(3-ethylbenzyl)-3-lydroxybutyl]-N-(3-ethylbenzyl)-3-lydroxybutyl]-N-(3-ethylbe			1 7 7 7	
999 N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-chloro-N-(3-ethylbenzyl)-2-(3-methyl-4H-1,2,4-triazol-4-yl)benzamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-4-(3,4-difluorophenyl)-N-(3-ethylbenzyl)-2-methoxy-4-oxobutanamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-methoxyl)-2-[3-(2-thienyl)-1H-pyrazol-1-yl]acetamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-(2-thioxo-1,3-benzothiazol-3(2H)-yl)acetamide N-[(2R,3S)-3-amino-4-cyclohexyl-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-(2-thioxo-1,3-benzothiazol-3(2H)-yl)acetamide N-[(2R,3S)-3-amino-2-hydroxy-4-(4-methoxyphenyl)butyl]-N-(3-ethylbenzyl)-N-(3-methoxybenzyl)-N-(3-amino-2-hydroxy-4-(4-methoxyphenyl)butyl]-N-(3-methoxybenzyl)-N-(3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-(2-hydroxy-4-methylphenyl)acetamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-(3-hydroxy-4-methylphenyl)acetamide			carboxamide	
999 N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-chloro-N-(3-ethylbenzyl)-2-(3-methyl-4H-1,2,4-triazol-4-yl)benzamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-4-(3,4-difluorophenyl)-N-(3-ethylbenzyl)-2-methoxy-4-oxobutanamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-methoxyl)-2-[3-(2-thienyl)-1H-pyrazol-1-yl]acetamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-(2-thioxo-1,3-benzothiazol-3(2H)-yl)acetamide N-[(2R,3S)-3-amino-4-cyclohexyl-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-(2-thioxo-1,3-benzothiazol-3(2H)-yl)acetamide N-[(2R,3S)-3-amino-2-hydroxy-4-(4-methoxyphenyl)butyl]-N-(3-ethylbenzyl)-N-(3-methoxybenzyl)-N-(3-amino-2-hydroxy-4-(4-methoxyphenyl)butyl]-N-(3-methoxybenzyl)-N-(3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-(2-hydroxy-4-methylphenyl)acetamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-(3-hydroxy-4-methylphenyl)acetamide				
999 N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-chloro-N-(3-ethylbenzyl)-2-(3-methyl-4H-1,2,4-triazol-4-yl)benzamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-4-(3,4-difluorophenyl)-N-(3-ethylbenzyl)-2-methoxy-4-oxobutanamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-methoxyl)-2-[3-(2-thienyl)-1H-pyrazol-1-yl]acetamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-(2-thioxo-1,3-benzothiazol-3(2H)-yl)acetamide N-[(2R,3S)-3-amino-4-cyclohexyl-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-(2-thioxo-1,3-benzothiazol-3(2H)-yl)acetamide N-[(2R,3S)-3-amino-2-hydroxy-4-(4-methoxyphenyl)butyl]-N-(3-ethylbenzyl)-N-(3-methoxybenzyl)-N-(3-amino-2-hydroxy-4-(4-methoxyphenyl)butyl]-N-(3-methoxybenzyl)-N-(3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-(2-hydroxy-4-methylphenyl)acetamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-(3-hydroxy-4-methylphenyl)acetamide		0 N		
999 N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-chloro-N-(3-ethylbenzyl)-2-(3-methyl-4H-1,2,4-triazol-4-yl)benzamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-4-(3,4-difluorophenyl)-N-(3-ethylbenzyl)-2-methoxy-4-oxobutanamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-methoxyl)-2-[3-(2-thienyl)-1H-pyrazol-1-yl]acetamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-(2-thioxo-1,3-benzothiazol-3(2H)-yl)acetamide N-[(2R,3S)-3-amino-4-cyclohexyl-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-(2-thioxo-1,3-benzothiazol-3(2H)-yl)acetamide N-[(2R,3S)-3-amino-2-hydroxy-4-(4-methoxyphenyl)butyl]-N-(3-ethylbenzyl)-N-(3-methoxybenzyl)-N-(3-amino-2-hydroxy-4-(4-methoxyphenyl)butyl]-N-(3-methoxybenzyl)-N-(3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-(2-hydroxy-4-methylphenyl)acetamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-(3-hydroxy-4-methylphenyl)acetamide				
999 N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-chloro-N-(3-ethylbenzyl)-2-(3-methyl-4H-1,2,4-triazol-4-yl)benzamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-4-(3,4-difluorophenyl)-N-(3-ethylbenzyl)-2-methoxy-4-oxobutanamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-methoxyl)-2-[3-(2-thienyl)-1H-pyrazol-1-yl]acetamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-(2-thioxo-1,3-benzothiazol-3(2H)-yl)acetamide N-[(2R,3S)-3-amino-4-cyclohexyl-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-(2-thioxo-1,3-benzothiazol-3(2H)-yl)acetamide N-[(2R,3S)-3-amino-2-hydroxy-4-(4-methoxyphenyl)butyl]-N-(3-ethylbenzyl)-N-(3-methoxybenzyl)-N-(3-amino-2-hydroxy-4-(4-methoxyphenyl)butyl]-N-(3-methoxybenzyl)-N-(3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-(2-hydroxy-4-methylphenyl)acetamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-(3-hydroxy-4-methylphenyl)acetamide		1. \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		
999 N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-chloro-N-(3-ethylbenzyl)-2-(3-methyl-4H-1,2,4-triazol-4-yl)benzamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-4-(3,4-difluorophenyl)-N-(3-ethylbenzyl)-2-methoxy-4-oxobutanamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-methoxyl)-2-[3-(2-thienyl)-1H-pyrazol-1-yl]acetamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-(2-thioxo-1,3-benzothiazol-3(2H)-yl)acetamide N-[(2R,3S)-3-amino-4-cyclohexyl-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-(2-thioxo-1,3-benzothiazol-3(2H)-yl)acetamide N-[(2R,3S)-3-amino-2-hydroxy-4-(4-methoxyphenyl)butyl]-N-(3-ethylbenzyl)-N-(3-methoxybenzyl)-N-(3-amino-2-hydroxy-4-(4-methoxyphenyl)butyl]-N-(3-methoxybenzyl)-N-(3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-(2-hydroxy-4-methylphenyl)acetamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-(3-hydroxy-4-methylphenyl)acetamide		N Y		
999 N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-chloro-N-(3-ethylbenzyl)-2-(3-methyl-4H-1,2,4-triazol-4-yl)benzamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-4-(3,4-difluorophenyl)-N-(3-ethylbenzyl)-2-methoxy-4-oxobutanamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-methoxy-4-oxobutanamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N-(3-ethylbenz		HO NH ₂		
difluorophenyl)-2-hydroxybutyl]-5-chloro-N-(3-ethylbenzyl)-2-(3-methyl-4H-1,2,4-triazol-4-yl)benzamide				
difluorophenyl)-2-hydroxybutyl]-5-chloro-N-(3-ethylbenzyl)-2-(3-methyl-4H-1,2,4-triazol-4-yl)benzamide				
difluorophenyl)-2-hydroxybutyl]-5-chloro-N-(3-ethylbenzyl)-2-(3-methyl-4H-1,2,4-triazol-4-yl)benzamide	997	CI	N-[(2R,3S)-3-amino-4-(3.5-	
chloro-N-(3-ethylbenzyl)-2-(3-methyl-4H-1,2,4-triazol-4-yl)benzamide NH2 N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-4-(3,4-difluorophenyl)-2-hydroxybutyl]-4-(3,4-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-methoxy-4-oxobutanamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N-phenylpentanediamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-(2-thioxo-1,3-benzothiazol-3(2H)-yl)acetamide N-[(2R,3S)-3-amino-4-cyclohexyl-2-hydroxybutyl]-N-benzyl-5-methyl-N',N'-dipropylisophthalamide N-[(2R,3S)-3-amino-2-hydroxy-4-(4-methoxyphenyl)butyl]-N'-(3-methoxybenzyl)-N',N'-dipropylbenzene-1,3,5-tricarboxamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-(3-hydroxy-4-methylphenyl)acetamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-(3-hydroxy-4-methylphenyl)acetamide			1 -: : :	
999 H ₂ N NH ₂ N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-4-(3,4-difluorophenyl)-2-hydroxybutyl]-4-(3,4-difluorophenyl)-2-hydroxybutyl]-4-(3,4-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-methoxy-4-oxobutanamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N-phenylpentanediamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-(2-thioxo-1,3-benzothiazol-3(2H)-yl)acetamide N-[(2R,3S)-3-amino-4-cyclohexyl-2-hydroxybutyl]-N-benzyl-5-methyl-N [*] ,N-dipropylisophthalamide N-[(2R,3S)-3-amino-2-hydroxy-4-(4-methoxyphenyl)butyl]-N [*] -(3-methoxybenzyl)-N [*] ,N [*] -dipropylbenzene-1,3,5-tricarboxamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-(3-hydroxy-4-methylphenyl)acetamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-(3-hydroxy-4-methylphenyl)acetamide		N.		
999 N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-4-(3,4-difluorophenyl)-2-hydroxybutyl]-4-(3,4-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-methoxy-4-oxobutanamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N-phenylpentanediamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-(2-thioxo-1,3-benzothiazol-3(2H)-yl)acetamide N-[(2R,3S)-3-amino-4-cyclohexyl-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-(2-thioxo-1,3-benzothiazol-3(2H)-yl)acetamide N-[(2R,3S)-3-amino-2-hydroxy-4-(4-methoxyphenyl)butyl]-N-(3-methoxybenzyl)-N-(3-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-(3-hydroxy-4-methylphenyl)acetamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-(3-hydroxy-4-methylphenyl)acetamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-(3-hydroxy-4-methylphenyl)acetamide		N N		
999 N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-4-(3,4-difluorophenyl)-N-(3-ethylbenzyl)-2-methoxy-4-oxobutanamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N-phenylpentanediamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N-phenylpentanediamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-(2-thioxo-1,3-benzothiazol-3(2H)-yl)acetamide N-[(2R,3S)-3-amino-4-cyclohexyl-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-(2-thioxo-1,3-benzothiazol-3(2H)-yl)acetamide N-[(2R,3S)-3-amino-4-cyclohexyl-2-hydroxybutyl]-N-benzyl-5-methyl-N-N-dipropylisophthalamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxymide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-(3-hydroxy-4-methylphenyl)acetamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-(3-hydroxy-4-methylphenyl)acetamide		N CO CN	111 1,2, 1 triazor yr/conzamiec	
999 N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-4-(3,4-difluorophenyl)-N-(3-ethylbenzyl)-2-methoxy-4-oxobutanamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-methoxy-1-yl]acetamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N-phenylpentanediamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N-(2-(2-thioxo-1,3-benzothiazol-3(2H)-yl)acetamide N-[(2R,3S)-3-amino-4-cyclohexyl-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-(2-thioxo-1,3-benzothiazol-3(2H)-yl)acetamide N-[(2R,3S)-3-amino-4-cyclohexyl-2-hydroxybutyl]-N-benzyl-5-methyl-N-N-dipropylisophthalamide N-[(2R,3S)-3-amino-4-cyclohexyl-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-(3-hydroxy-4-methylphenyl)acetamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-(3-hydroxy-4-methylphenyl)acetamide			·	
999 Ho		VOH → VOH		
999 Ho				
difluorophenyl)-2-hydroxybutyl]-4- (3,4-difluorophenyl)-N-(3-ethylbenzyl)-2-methoxy-4-oxobutanamide $\begin{array}{ccccccccccccccccccccccccccccccccccc$		NH ₂		
difluorophenyl)-2-hydroxybutyl]-4- (3,4-difluorophenyl)-N-(3-ethylbenzyl)-2-methoxy-4-oxobutanamide $\begin{array}{ccccccccccccccccccccccccccccccccccc$				
difluorophenyl)-2-hydroxybutyl]-4- (3,4-difluorophenyl)-N-(3-ethylbenzyl)-2-methoxy-4-oxobutanamide $\begin{array}{ccccccccccccccccccccccccccccccccccc$				
difluorophenyl)-2-hydroxybutyl]-4- (3,4-difluorophenyl)-N-(3-ethylbenzyl)-2-methoxy-4-oxobutanamide $\begin{array}{ccccccccccccccccccccccccccccccccccc$				
difluorophenyl)-2-hydroxybutyl]-4- (3,4-difluorophenyl)-N-(3-ethylbenzyl)-2-methoxy-4-oxobutanamide $\begin{array}{ccccccccccccccccccccccccccccccccccc$	999	H ₂ N F	$N_{-}[(2R,3.5)_{-3-2}mino_{-4-}(3.5_{-1})]$	
1001 N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2+hydroxybutyl]-N-(3-ethylbenzyl)-N-(3		HOJ		
2-methoxy-4-oxobutanamide 1001 N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-[3-(2-thienyl)-1H-pyrazol-1-yl]acetamide 1003 N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N-phenylpentanediamide 1005 N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-(2-thioxo-1,3-benzothiazol-3(2H)-yl)acetamide 1007 N-[(2R,3S)-3-amino-4-cyclohexyl-2-hydroxybutyl]-N-benzyl-5-methyl-N',N'-dipropylisophthalamide 1009 N¹-[(2R,3S)-3-amino-2-hydroxy-4-(4-methoxyphenyl)butyl]-N¹-(3-methoxybenzyl)-N³,N³-dipropylbenzene-1,3,5-tricarboxamide 1011 N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-(3-hydroxy-4-methylphenyl)acetamide 1013 N-{(2R,3S)-3-amino-4-[3-fluoro-5-(trifluoromethyl)phenyl]-2-hydroxybutyl}-5-	l			
1001 N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-[3-(2-thienyl)-1H-pyrazol-1-yl]acetamide 1003 N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N-phenylpentanediamide 1005 N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-(2-thioxo-1,3-benzothiazol-3(2H)-yl)acetamide 1007 N-[(2R,3S)-3-amino-4-cyclohexyl-2-hydroxybutyl]-N-benzyl-5-methyl-N',N'-dipropylisophthalamide 1009 N¹-[(2R,3S)-3-amino-2-hydroxy-4-(4-methoxyphenyl)butyl]-N¹-(3-methoxybenzyl)-N³,N³-dipropylbenzene-1,3,5-tricarboxamide 1011 N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-(3-hydroxy-4-methylphenyl)acetamide 1013 N-{(2R,3S)-3-amino-4-[3-fluoro-5-(trifluoromethyl)phenyl]-2-hydroxybutyl}-5-		N F.		
1001 N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-1-lydroxybutyl]-N-(3-ethylbenzyl)-2-[3-(2-thienyl)-1H-pyrazol-1-yl]acetamide 1003 N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N-(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-(2-thioxo-1,3-benzothiazol-3(2H)-yl)acetamide 1007 N-[(2R,3S)-3-amino-4-cyclohexyl-2-hydroxybutyl]-N-benzyl-5-methyl-N',N'-dipropylisophthalamide 1009 N-[(2R,3S)-3-amino-2-hydroxy-4-(4-methoxyphenyl)butyl]-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)-N-(3-ethylbenzyl)-2-(3-hydroxy-4-methylphenyl)acetamide 1011 N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-(3-hydroxy-4-methylphenyl)acetamide			2 methoxy 4 oxobitaliamide	
difluorophenyl)-2-hydroxybutyl]- <i>N</i> -(3-ethylbenzyl)- 1003				
difluorophenyl)-2-hydroxybutyl]- <i>N</i> -(3-ethylbenzyl)- 1003		F. C.		
difluorophenyl)-2-hydroxybutyl]- <i>N</i> -(3-ethylbenzyl)- 1003				
difluorophenyl)-2-hydroxybutyl]- <i>N</i> -(3-ethylbenzyl)-1-yl]acetamide N-[(2 <i>R</i> ,3 <i>S</i>)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- <i>N</i> -(3-ethylbenzyl)- N'-phenylpentanediamide N-[(2 <i>R</i> ,3 <i>S</i>)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- <i>N</i> -(3-ethylbenzyl)- 2-(2-thioxo-1,3-benzothiazol-3(2 <i>H</i>)-yl)acetamide N-[(2 <i>R</i> ,3 <i>S</i>)-3-amino-4-cyclohexyl-2-hydroxybutyl]- <i>N</i> -benzyl-5-methyl- <i>N</i> ', <i>N</i> '- dipropylisophthalamide N-[(2 <i>R</i> ,3 <i>S</i>)-3-amino-2-hydroxy-4-(4-methoxyphenyl)butyl]- <i>N</i> -(3- methoxybenzyl)- <i>N</i> ³ , <i>N</i> ³ -dipropylbenzene-1,3,5-tricarboxamide N-[(2 <i>R</i> ,3 <i>S</i>)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- <i>N</i> -(3-ethylbenzyl)- 2-(3-hydroxy-4-methylphenyl)acetamide N-{(2 <i>R</i> ,3 <i>S</i>)-3-amino-4-[3-fluoro-5-(trifluoromethyl)phenyl]-2-hydroxybutyl}-5-	1001		N-[(2R.3S)-3-amino-4-(3.5-	
thylograph 1003 the stricture of the str		F. F		
pyrazol-1-yl]acetamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)- N'-phenylpentanediamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)- 2-(2-thioxo-1,3-benzothiazol-3(2H)-yl)acetamide N-[(2R,3S)-3-amino-4-cyclohexyl-2-hydroxybutyl]-N-benzyl-5-methyl-N',N'- dipropylisophthalamide N-[(2R,3S)-3-amino-2-hydroxy-4-(4-methoxyphenyl)butyl]-N'-(3- methoxybenzyl)-N³,N³-dipropylbenzene-1,3,5-tricarboxamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)- 2-(3-hydroxy-4-methylphenyl)acetamide N-{(2R,3S)-3-amino-4-[3-fluoro-5-(trifluoromethyl)phenyl]-2-hydroxybutyl}-5-	·			
 N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-N'-phenylpentanediamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-(2-thioxo-1,3-benzothiazol-3(2H)-yl)acetamide N-[(2R,3S)-3-amino-4-cyclohexyl-2-hydroxybutyl]-N-benzyl-5-methyl-N',N'-dipropylisophthalamide N'-[(2R,3S)-3-amino-2-hydroxy-4-(4-methoxyphenyl)butyl]-N'-(3-methoxybenzyl)-N³,N³-dipropylbenzene-1,3,5-tricarboxamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-(3-hydroxy-4-methylphenyl)acetamide N-{(2R,3S)-3-amino-4-[3-fluoro-5-(trifluoromethyl)phenyl]-2-hydroxybutyl}-5- 				
N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)- N'-phenylpentanediamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)- 2-(2-thioxo-1,3-benzothiazol-3(2H)-yl)acetamide N-[(2R,3S)-3-amino-4-cyclohexyl-2-hydroxybutyl]-N-benzyl-5-methyl-N',N'- dipropylisophthalamide N-[(2R,3S)-3-amino-2-hydroxy-4-(4-methoxyphenyl)butyl]-N'-(3- methoxybenzyl)-N ³ ,N ³ -dipropylbenzene-1,3,5-tricarboxamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)- 2-(3-hydroxy-4-methylphenyl)acetamide N-{(2R,3S)-3-amino-4-[3-fluoro-5-(trifluoromethyl)phenyl]-2-hydroxybutyl}-5-		O Control Control		
N'-phenylpentanediamide N'-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)- 2-(2-thioxo-1,3-benzothiazol-3(2H)-yl)acetamide N-[(2R,3S)-3-amino-4-cyclohexyl-2-hydroxybutyl]-N-benzyl-5-methyl-N',N'- dipropylisophthalamide N'-[(2R,3S)-3-amino-2-hydroxy-4-(4-methoxyphenyl)butyl]-N'-(3- methoxybenzyl)-N ³ ,N ³ -dipropylbenzene-1,3,5-tricarboxamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)- 2-(3-hydroxy-4-methylphenyl)acetamide N-{(2R,3S)-3-amino-4-[3-fluoro-5-(trifluoromethyl)phenyl]-2-hydroxybutyl}-5-		NH ₂ ·		
 N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-(2-thioxo-1,3-benzothiazol-3(2H)-yl)acetamide N-[(2R,3S)-3-amino-4-cyclohexyl-2-hydroxybutyl]-N-benzyl-5-methyl-N',N'-dipropylisophthalamide N^I-[(2R,3S)-3-amino-2-hydroxy-4-(4-methoxyphenyl)butyl]-N^I-(3-methoxybenzyl)-N³,N³-dipropylbenzene-1,3,5-tricarboxamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-(3-hydroxy-4-methylphenyl)acetamide N-{(2R,3S)-3-amino-4-[3-fluoro-5-(trifluoromethyl)phenyl]-2-hydroxybutyl}-5- 	1003		nyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-	
2-(2-thioxo-1,3-benzothiazol-3(2H)-yl)acetamide 1007 N-[(2R,3S)-3-amino-4-cyclohexyl-2-hydroxybutyl]-N-benzyl-5-methyl-N',N'- dipropylisophthalamide 1009 N¹-[(2R,3S)-3-amino-2-hydroxy-4-(4-methoxyphenyl)butyl]-N¹-(3- methoxybenzyl)-N³,N³-dipropylbenzene-1,3,5-tricarboxamide 1011 N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)- 2-(3-hydroxy-4-methylphenyl)acetamide 1013 N-{(2R,3S)-3-amino-4-[3-fluoro-5-(trifluoromethyl)phenyl]-2-hydroxybutyl}-5-				
2-(2-thioxo-1,3-benzothiazol-3(2H)-yl)acetamide 1007 N-[(2R,3S)-3-amino-4-cyclohexyl-2-hydroxybutyl]-N-benzyl-5-methyl-N',N'- dipropylisophthalamide 1009 N¹-[(2R,3S)-3-amino-2-hydroxy-4-(4-methoxyphenyl)butyl]-N¹-(3- methoxybenzyl)-N³,N³-dipropylbenzene-1,3,5-tricarboxamide 1011 N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)- 2-(3-hydroxy-4-methylphenyl)acetamide 1013 N-{(2R,3S)-3-amino-4-[3-fluoro-5-(trifluoromethyl)phenyl]-2-hydroxybutyl}-5-	1005	N-[(2R,3S)-3-amino-4-(3,5-difluoropher	nyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-	
 N-[(2R,3S)-3-amino-4-cyclohexyl-2-hydroxybutyl]-N-benzyl-5-methyl-N',N'-dipropylisophthalamide N¹-[(2R,3S)-3-amino-2-hydroxy-4-(4-methoxyphenyl)butyl]-N¹-(3-methoxybenzyl)-N³,N³-dipropylbenzene-1,3,5-tricarboxamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-(3-hydroxy-4-methylphenyl)acetamide N-{(2R,3S)-3-amino-4-[3-fluoro-5-(trifluoromethyl)phenyl]-2-hydroxybutyl}-5- 		2-(2-thioxo-1,3-benzothiazol-3(2H)-yl)acetamide		
dipropylisophthalamide N^{1} -[(2R,3S)-3-amino-2-hydroxy-4-(4-methoxyphenyl)butyl]- N^{1} -(3-methoxybenzyl)- N^{3} , N^{3} -dipropylbenzene-1,3,5-tricarboxamide N -[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- N -(3-ethylbenzyl)-2-(3-hydroxy-4-methylphenyl)acetamide N -{(2R,3S)-3-amino-4-[3-fluoro-5-(trifluoromethyl)phenyl]-2-hydroxybutyl}-5-	1007			
 N¹-[(2R,3S)-3-amino-2-hydroxy-4-(4-methoxyphenyl)butyl]-N¹-(3-methoxybenzyl)-N³,N³-dipropylbenzene-1,3,5-tricarboxamide N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-(3-hydroxy-4-methylphenyl)acetamide N-{(2R,3S)-3-amino-4-[3-fluoro-5-(trifluoromethyl)phenyl]-2-hydroxybutyl}-5- 				
methoxybenzyl)- N^3 , N^3 -dipropylbenzene-1,3,5-tricarboxamide 1011 N -[(2 R ,3 S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- N -(3-ethylbenzyl)- 2-(3-hydroxy-4-methylphenyl)acetamide 1013 N -{(2 R ,3 S)-3-amino-4-[3-fluoro-5-(trifluoromethyl)phenyl]-2-hydroxybutyl}-5-	1009			
N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-(3-hydroxy-4-methylphenyl)acetamide N-{(2R,3S)-3-amino-4-[3-fluoro-5-(trifluoromethyl)phenyl]-2-hydroxybutyl}-5-		$[N - [(2N, 3b) - 3 - a)] = N^3 N^3 - dipropulhenzene 1.2.5 + ricerhovene 1.3.5$		
2-(3-hydroxy-4-methylphenyl)acetamide N-{(2R,3S)-3-amino-4-[3-fluoro-5-(trifluoromethyl)phenyl]-2-hydroxybutyl}-5-	1011	M [(2P 3 S) 2 amino A (2.5 difluorophory) 2 by distribution in the state of the sta		
$N-\{(2R,3S)-3-amino-4-[3-fluoro-5-(trifluoromethyl)phenyl]-2-hydroxybutyl\}-5-$	1011			
[(1012			
metnyl-/v-(3-metnylbutyl)-/v-,/v-dipropylisophthalamide	1013			
	L	methyl-N-(3-methylbutyl)-N',N'-dipropylisophthalamide		

	0.24 1 27 (2.41.11
1015	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-
	7-fluoro-4H-imidazo[5,1-c][1,4]benzoxazine-3-carboxamide
1017	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-4-(3,4-dihydro-2H-
	1,5-benzodioxepin-7-yl)-N-(3-ethylbenzyl)-4-oxobutanamide
1019	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-
	1-benzofuran-3-carboxamide
1021	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3,4-
	dichlorophenyl)-N-(3-ethylbenzyl)malonamide
1023	N^{1} -{ $(2R,3S)$ -3-amino-4-[3-fluoro-5-(trifluoromethyl)phenyl]-2-hydroxybutyl}-
"	N^1 -benzyl- N^3 , N^3 -dipropylbenzene-1,3,5-tricarboxamide
1025	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-[(1R)-2-hydroxy-1]
1020	1-methylethyl]-5-methyl-N',N'-dipropylisophthalamide
1027	N-[(2R,3S)-3-amino-2-hydroxy-4-(3-methylphenyl)butyl]-N-benzyl-5-methyl-
1027	λ/ λ/-dipropylisophthalamide
1029	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-
1025	N'-pyridin-3-ylpentanediamide
1031	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
1031	ethylbenzyl)amino]methyl}propyl 2-methyl-4-oxo-4 <i>H</i> -chromene-6-carboxylate
1033	$2-(\{2-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl\}](3-$
1033	ethylbenzyl)amino]-2-oxoethyl}thio)-N-(5-methylisoxazol-3-yl)acetamide
1035	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-[3-(1H-imidazol-
1035	1-yl)propyl]-5-methyl-N',N'-dipropylisophthalamide
1007	$N-\{(2R,3S)-3-amino-4-[3-fluoro-5-(trifluoromethyl)phenyl]-2-hydroxybutyl\}-3-$
1037	W-{(2K,35)-3-amino-4-[3-110010-3-(timuotomethyr)phenyl]-2-hydroxyoutyr)
1000	[(dipropylamino)sulfonyl]-N-(3-methoxybenzyl)propanamide
1039	N-[(2R,3S)-3-amino-2-hydroxy-4-(4-hydroxyphenyl)butyl]-3-
1041	[(dipropylamino)sulfonyl]-N-(3-methylbutyl)propanamide N-[(2R,3S)-3-amino-4-(1,3-benzodioxol-5-yl)-2-hydroxybutyl]-5-methyl-N-(3-
1041	N-[(2R,35)-3-amino-4-(1,3-belizodioxof-3-yf)-2-nydroxybutyr]-3-motrfyf i (3
1040	methylbutyl)-N',N'-dipropylisophthalamide N-[(2R,3S)-3-amino-2-hydroxy-4-(2-thienyl)butyl]-3-[(dipropylamino)sulfonyl]-
1043	N-[(2R,3S)-3-amino-2-nydroxy-4-(2-unenyt)outyr]-3-[(dipropyramino)sunonyr]-
	N-(3-methylbutyl)propanamide
1045	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-4-[(2,2-l)-1] N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxyboxyboxyboxyboxyboxyboxyboxyboxyboxyb
	dimethylpropanoyl)amino]-N-(3-ethylbenzyl)-2-hydroxybenzamide
1047	N-[(2R,3S)-3-amino-2-hydroxy-4-(3-methoxyphenyl)butyl]-5-methyl- $N-(3-methoxyphenyl)$
	methylbutyl)-N',N'-dipropylisophthalamide
1049	$N-[(2R,3S)-3-amino-4-(4-fluorophenyl)-2-hydroxybutyl]-3-{[(3-fluorophenyl)-2-hydroxybutyl]-3-{[(3-fluorophenyl)-2-hydroxybutyl]-3-{[(3-fluorophenyl)-3-hydrox$
,	methoxybenzyl)amino]sulfonyl}-N-[3-(trifluoromethyl)benzyl]benzamide
1051	$N-\{(2R,3S)-3-\text{amino-}2-\text{hydroxy-}4-[3-(\text{trifluoromethyl})\text{phenyl}]\text{butyl}\}-5-\text{methyl-}$
	N-(3-methylbutyl)-N',N'-dipropylisophthalamide
1053	N -{6-[[(2 R ,3 S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl](3-
	ethylbenzyl)amino]-6-oxohexyl}-2-furamide
1055	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-
	2-[(1-phenyl-4,5-dihydro-1 <i>H</i> -tetrazol-5-yl)thio]acetamide
1057	$N-[(2S,3S)-3-amino-2-hydroxy-4-phenylbutyl]-3-{[(3-$
1	methoxybenzyl)amino]sulfonyl}-N-[3-(trifluoromethyl)benzyl]benzamide
1059	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-4-(3,4-dihydro-2H-
	chromen-6-yl)-N-(3-ethylbenzyl)-4-oxobutanamide
1061	N^{1} -[(2R,3S)-3-amino-2-hydroxy-4-(3-methoxyphenyl)butyl]- N^{1} -(3-methylbutyl)-
	N ³ , N ³ -dipropylbenzene-1,3,5-tricarboxamide

1063	N-[(2R,3S)-3-amino-4-(3-fluoro-4-methylphenyl)-2-hydroxybutyl]-N-(3-
1065	methoxybenzyl)-N',N'-dipropylpentanediamide
1065	N-[(2 R ,3 S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- N -(3-
1007	ethylbenzyl)indolizine-2-carboxamide
1067	$N-\{(2R,3S)-3-amino-2-hydroxy-4-[3-(trifluoromethoxy)phenyl]$ butyl $\}-N-benzyl-S-1$
10.50	5-methyl-N',N'-dipropylisophthalamide
1069	N-[(2 R ,3 S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- N -(3-
	ethylbenzyl)nicotinamide 1-oxide
1071	$N-\{(2R,3S)-3-amino-4-[3-(benzyloxy)-5-fluorophenyl]-2-hydroxybutyl\}-3-$
	[(dipropylamino)sulfonyl]-N-(3-methylbutyl)propanamide
1073	2-[[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl](3-
	iodobenzyl)amino]-2-oxoethyl carbamate
1075	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-
	2,3-dihydro-1 <i>H</i> -cyclopenta[<i>b</i>]quinoline-9-carboxamide
1077	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-
	3-methyl-1 <i>H</i> -pyrazole-5-carboxamide
1079	N -{5-[[(2 R ,3 S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl](3-
L	ethylbenzyl)amino]-5-oxopentyl}benzamide
1081	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-
	4-[(methoxymethyl)thio]benzamide
1083	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-(1,3-
	benzothiazol-2-yl)-N-(3-ethylbenzyl)-3-methoxypropanamide
1085	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-
	3-{[(methylamino)carbonyl]amino}-3-(3-thienyl)propanamide
1087	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-
	5-pyridin-2-ylthiophene-2-carboxamide
1089	N^{1} -{(2R,3S)-3-amino-4-[3-(benzyloxy)-5-fluorophenyl]-2-hydroxybutyl}- N^{1} -
	benzyl- N^3 , N^3 -dipropylbenzene-1,3,5-tricarboxamide
1091	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-2-(5,6-dimethyl-
	2,4-dioxo-1,2,3,4-tetrahydropyridin-3-yl)-N-(3-ethylbenzyl)acetamide
1093	N-[(2R,3S)-3-amino-4-(3-fluoro-4-methoxyphenyl)-2-hydroxybutyl]-5-methyl-
	N-(3-methylbutyl)-N',N'-dipropylisophthalamide
1095	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-
	2-isobutyl-1,3-dioxoisoindoline-5-carboxamide
1097	5-(acetylamino)-N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-
	(3-ethylbenzyl)-2-furamide
1099	N^{1} -[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- N^{1} -(3-
	ethylbenzyl)- N^2 -[(4-methoxyphenyl)acetyl]glycinamide
1101	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-
	ethylbenzyl)isoquinoline-4-carboxamide
1103	N^{1} -{(2R,3S)-3-amino-4-[3-(benzyloxy)phenyl]-2-hydroxybutyl}- N^{1} -(3-
	methylbutyl)- N^3 , N^3 -dipropylbenzene-1,3,5-tricarboxamide
1105	N-[(2 R ,3 S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- N -(3-ethylbenzyl)-
	2-(4-hydroxy-3-methoxyphenyl)acetamide
1107	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-
-	2-[(4-phenyl-4 <i>H</i> -1,2,4-triazol-3-yl)thio]acetamide
1109	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-2-(3,5-difluorophenyl)
	1-1(

Γ	dimethoxyphenyl)-N-(3-ethylbenzyl)ace	tamide
1111	N-[(2 R ,3 S)-3-amino-2-hydroxy-4-(3-me	thoxyphenyl)butyll-N-benzyl-5-methyl-
1111	N-l(2K,53)-3-aiiiiio-2-iydioxy-4 (5 iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii	mony priority 1/o asy 1/3 1 - 1 - 1 - 1
1112	N-dipropyrisophilataring N -[(2 R ,3 S)-3-amino-4-(3,5-difluoropher	avl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-
1113	2-(2-ethyl-4H-[1,2,4]triazolo[1,5-a]benz	rimidazol-4-vl)acetamide
1115	N-[(2R,3S)-3-amino-4-(2-furyl)-2-hydro	xybutyll-N-benzyl-5-methyl-N-N-
1115	dipropylisophthalamide	Aybatyij iy bolizyi b lilib tiliyo i i ya
1115	N-[(2 R ,3 S)-3-amino-4-(3,5-difluoropher	nyl)-2-hydroxybutyl]-7-chloro-N-(3-
1117	ethylbenzyl)-1-benzofuran-2-carboxami	de
1110	N-[(2R,3S)-3-amino-4-(3,5-diffuoropher	2-hydroxybutyl]-2-(1 3-dioxo-1.3-
1119	dihydro-2 <i>H</i> -isoindol-2-yl)- <i>N</i> -(3-ethylber	nzyl)propanamide
1101	dinydro-2H-Isoindoi-2-yi)-N-(3-ethyloch	nyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-
1121	N-[(2R,3S)-3-amino-4-(3,5-diffuolopher	ronanamide
	3-(2-oxo-2 <i>H</i> -1,3-benzoxazin-3(4 <i>H</i>)-yl)p	nyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-
1123	N-[(2R,3S)-3-amino-4-(3,5-diffuolopher	1919-2-flydroxyoutyrj-14-(3-othyroon291)
1105	2-(pyrimidin-2-ylthio)acetamide N-[3-(aminocarbonyl)-4,5,6,7-tetrahydr	o 1 henzothien_2_v1]_N_[(2R 3S)_3-
1125	N'-[3-(aminocarbonyi)-4,5,6,7-tetranyul	whytyll N (2 ethylbengyl)succinamide
	amino-4-(3,5-difluorophenyl)-2-hydroxy	2 hydroxybutyll M (2 ethylbenzyl)
1127	N-[(2R,3S)-3-amino-4-(3,5-diffuoropher	nyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-
	2-[(5-phenyl-1,3,4-oxadiazol-2-yl)thio]a	1) 2 1 - 1 - 1 M (2
1129	N-[(2 R ,3 S)-3-amino-4-(3,5-difluoropher	191)-2-nyaroxyouty1]-/v-(3-
	ethylbenzyl)quinoline-6-carboxamide	N^{1} -[(2R,3S)-3-amino-4-(2-furyl)-2-
1131		N^{-} -[(2 N ,3 S)-3-ammo-4-(2-1 U)1)-2- hydroxybutyl]- N^{1} -benzyl- N^{3} , N^{3} -
		dipropylbenzene-1,3,5-tricarboxamide
	N_O 1/1NH ₂	dipropyloenzene-1,3,3-thearboxamide
	ОH	
	H_2N	·
1133		N-[(2R,3S)-3-amino-4-(3,5-
		difluorophenyl)-2-hydroxybutyl]-4-
		(2,3-dihydro-1,4-benzodioxin-6-yl)-N-
		(3-ethylbenzyl)-4-oxobutanamide
	NH ₂	
1135	H ₂ N	N-[(2R,3S)-3-amino-4-(3,5-
1133	но	difluorophenyl)-2-hydroxybutyl]-N-(3-
	HN N-NH	ethylbenzyl)-3-(1 <i>H</i> -indol-3-yl)-1 <i>H</i> -
	I I N	pyrazole-5-carboxamide
	o F	Pyradote b tarbonamen

1137	H H OH OH	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-hydroxy-4-{[(methylamino)carbonothioyl]amino}benzamide
1139	OH OH NH2	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-6-chloro-N-(3-ethylbenzyl)nicotinamide
1141	H ₂ N F	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-4-(3-hydroxyphenyl)-4-oxobutanamide
1143	N N S O N N N N S F F S N N N S F S N N N S S N N N N	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-(phthalazin-1-ylthio)acetamide
1145	N+.O' S O OH NH2 F	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-[(1-oxidopyridin-2-yl)thio]acetamide

	1	3-(acetylamino)-N-[(2R,3S)-3-amino-4-
1147		3-(acetylamino)-/v-[(2K,55)-5-aiiiiio-4-
		(3,5-difluorophenyl)-2-hydroxybutyl]-
	NH O	N-(3-ethylbenzyl)-5-fluoro-1H-indole-
	F	2-carboxamide
	NH N T	
	HO,,,,	
-)F	
	H ₂ N	
1149	N-[(2S,3S)-3-amino-2-hydroxy-4-pheny	lbutyl]-3-{[(3-
	chlorobenzyl)amino]sulfonyl}-N-[3-(trif	luoromethyl)benzyl]benzamide
1151	N^{1} -{(2R,3S)-3-amino-4-[4-(benzyloxy)p	henyl]-2-hydroxybutyl}- N '-(3-
İ	methoxybenzyl)-N ³ ,N ³ -dipropylbenzene	-1,3,5-tricarboxamide
1153	N^{1} -[(2R,3S)-3-amino-4-(1,3-benzodioxo	1-5-yl)-2-hydroxybutyl]-N ¹ -benzyl-
1	N^3 , N^3 -dipropylbenzene-1,3,5-tricarboxa	mide
1155	N-[(2R,3S)-3-amino-4-(3,5-difluoropher)]	nyl)-2-hydroxybutyl]-4-(3,4-
1133	dichlorophenyl)-N-(3-ethylbenzyl)-2-hy	droxy-3-methyl-4-oxobutanamide
1157	N-{(2R,3S)-3-amino-2-hydroxy-4-[3-(tr	ifluoromethoxy)phenyl]butyl}-3-
1137	[(dipropylamino)sulfonyl]-N-(3-methylb	outyl)propanamide
1159	N-[(2 R ,3 S)-3-amino-4-(3,5-difluoropher	nyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-
1139	N-(5-methyl-1,3,4-thiadiazol-2-yl)succi	namide
1161	N-[(2 R ,3 S)-3-amino-4-(3,5-difluoropher	nyl)-2-hydroxybutyl]-2-(2-ethyl-1 <i>H</i> -
1101	benzimidazol-1-yl)-N-(3-ethylbenzyl)ac	etamide
1162	N-[(2 R ,3 S)-3-amino-4-(1,3-benzodioxol	-5-vl)-2-hydroxybutyll-3-
1163	[(dipropylamino)sulfonyl]-N-(3-methox	vhenzyl)nronanamide
1166	[(dipropylamino)sulfollyl]-7-(3-methox	nyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-
1165	7/-[(2K,55)-5-ammo-4-(5,5-diffuolopher	anamide
1167	$3-(2-\infty-1,3-\text{benzoxazol}-3(2H)-\text{yl})$ prop $N-[(2R,3S)-3-\text{amino}-4-(3,5-\text{dichlorophe})]$	nyl) 2 hydroxybutyll-3-
1167	N-[(2R,3S)-3-amino-4-(3,3-dicinotophe)]	nyi)-z-nydioxybuiyi]-z-
11.60	[(dipropylamino)sulfonyl]-N-(3-methyll	oul) 2 hydroxybutyll-W-(3-ethylbenzyl)-
1169	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-	
	N'-(6-methylpyridin-2-yl)succinamide	4: Gueranhanyi) 2 hydroxybutyi1/3
1171	ethyl $(4R)$ -4- $\{[(2R,3S)$ -3-amino-4- $(3,5$ -difluorophenyl)-2-hydroxybutyl] $(3$ -	
	ethylbenzyl)amino]carbonyl}-1,3-oxazo	1 ((/2
1172	(1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)	-1-{[(3- -1151) N (eth evyreerh envil) D
	ethylbenzyl)amino]methyl}propyl 3-(bu	tylsulfmlyt)-7v-(methoxycaroonyt)-D-
	alaninate	1 ([(2
1174	(1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)	-1-{[(3-
ļ	ethylbenzyl)amino]methyl}propyl S-but	yl-N-(methoxycarbonyl)-D-cystemate
1176	(1R,2S)-2-amino-3-(3,5-difluorophenyl)	-1-{[(3-
	ethylbenzyl)amino]methyl}propyl N-[(b	enzyloxy)carbonylj-3-[(4,4,4-
	trifluorobutyl)sulfonyl]-D-alaninate	
1178	(1R,2S)-2-amino-3-(3,5-difluorophenyl)	-1-{[(3-
	ethylbenzyl)amino]methyl}propyl N-[(b	enzyloxy)carbonyl]-3-[(4,4,4-
	trifluorobutyl)sulfinyl]-D-alaninate	
1180	(1R,2S)-2-amino-3-(3,5-difluorophenyl)	-1-{[(3-
	ethylbenzyl)amino]methyl}propyl N-[(b	enzyloxy)carbonyl]-S-(4,4,4-
	trifluorobutyl)-D-cysteinate	
1182	(1R,2S)-2-amino-3-(3,5-difluorophenyl)	-1-{[(3-
	ethylbenzyl)amino]methyl}propyl 3-(bu	tylsulfonyl)-N-(methoxycarbonyl)-D-

alaninate	
1184 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-	
ethylbenzyl)amino methyl}propyl 3-(butylsulfonyl)-N-[(2,2,2-	
trifluoroethoxy)carbonyl]-D-alaninate	
1186 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-	
ethylbenzyl)amino]methyl}propyl 3-(butylsulfonyl)-N-[(2-	
cyanoethoxy)carbonyl]-D-alaninate	
1188 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-	
ethylbenzyl)amino]methyl}propyl 3-(butylsulfonyl)-N-{[(3R)-p	vrrolidin-3-
yloxy]carbonyl}-D-alaninate	J 11011 0111
1190 (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-	
ethylbenzyl)amino]methyl}propyl 3-(butylsulfonyl)-N-{[(3S)-te	trahydrofuran-3-
yloxy]carbonyl}-D-alaninate	vianij arozanan s
1192 (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-	
ethylbenzyl)amino]methyl}propyl N-{[2-(acetylamino)ethoxy]c	arbonyl}-3-
(butylsulfonyl)-D-alaninate	
1194 (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-	
ethylbenzyl)amino]methyl}propyl 3-(butylsulfonyl)-N-[(pyridin	-3-
ylmethoxy)carbonyl]-D-alaninate	- -
1196 (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-	
ethylbenzyl)amino]methyl}propyl 3-(butylsulfonyl)-N-[(pyridin	-4-
ylmethoxy)carbonyl]-D-alaninate	
1198 (1R,2S)-2-amino-1-[(cyclopropylamino)methyl]-3-(3,5-difluoropylamino)methyl]	phenyl)propyl 3-
(butylsulfonyl)-N-(methoxycarbonyl)-D-alaninate	
1200 (1R,2S)-2-amino-1-[(cyclopropylamino)methyl]-3-(3,5-difluoropylamino)methyl]	phenyl)propyl 3-
(butylsulfonyl)-N-[(2-cyanoethoxy)carbonyl]-D-alaninate	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
1202 (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-	
methylbutyl)amino]methyl)propyl N-[(benzyloxy)carbonyl]-3-(l	butylsulfonyl)-
D-alaninate	
(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-	
methylbutyl)amino]methyl}propyl 3-(butylsulfonyl)-N-(methoxycarbonyl)-D-	
alaninate	- ,
1206 (1R,2S)-2-amino-1-[(cyclopropylamino)methyl]-3-(3,5-difluoropylamino)methyl]	
[(2-cyanoethoxy)carbonyl]-3-[(1-propylbutyl)sulfonyl]-D-alanin	ate
1208 (1R,2S)-2-amino-1-[(cyclopropylamino)methyl]-3-(3,5-difluoropylamino)methyl]	ohenyl)propyl N-
{[2-(acetylamino)ethoxy]carbonyl}-3-[(1-propylbutyl)sulfonyl]-	D-alaninate
1210 (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-	
methylbutyl)amino]methyl}propyl N-(methoxycarbonyl)-3-[(1-	
propylbutyl)sulfonyl]-D-alaninate	
1212 (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-	
methylbutyl)amino]methyl}propyl N-[(benzyloxy)carbonyl]-3-[((1-
propylbutyl)sulfonyl]-D-alaninate	
1214 (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-	
ethylbenzyl)amino]methyl}propyl N-{[2-(diethylamino)-2-oxoet	thoxy]carbonyl}-
3-[(1-propylbutyl)sulfonyl]-D-alaninate	
1216 (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-	
ethylbenzyl)amino]methyl}propyl N-(methoxycarbonyl)-3-[(1-	
propylbutyl)sulfonyl]-D-alaninate	

	·
1218	$(1R,2S)$ -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl N-(isopropoxycarbonyl)-3-[(1-
	propylbutyl)sulfonyl]-D-alaninate
1220	(1 R 2 S)-2-amino-3-(3.5-difluorophenyl)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl N-[(cyclopropylmethoxy)carbonyl]-3-[(1-
	propylbutyl)sulfonyl]-D-alaninate
1222	$(1R, 2S)$ -2-amino-3-(3.5-difluorophenyl)-1-{ (3-
	ethylbenzyl)amino]methyl}propyl N-[(allyloxy)carbonyl]-3-[(1-
	propylbutyl)sulfonyl]-D-alaninate
1224	$(1R, 2S)$ -2-amino-3-(3.5-difluorophenyl)-1-{ (3-
122 .	ethylbenzyl)amino]methyl}propyl N-[(2-cyanoethoxy)carbonyl]-3-[(1-
	propylbutyl)sulfonyl]-D-alaninate
1226	(1.P.2.S)-2-amino-3-(3.5-difluorophenyl)-1-{[(3-
الندا	ethylbenzyl)amino]methyl}propyl N-{[2-(acetylamino)ethoxy]carbonyl}-3-[(1-
	propylbutyl)sulfonyl]-D-alaninate
1228	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3-$
1220	ethylbenzyl)amino]methyl}propyl 3-[(1-propylbutyl)sulfonyl]-N-[(pyridin-3-
	ylmethoxy)carbonyl]-D-alaninate
1230	$\frac{(1R,2S)-2-\text{amino-3-}(3,5-\text{difluorophenyl})-1-\{[(3-$
1230	ethylbenzyl)amino]methyl}propyl 3-[(1-propylbutyl)sulfonyl]-N-[(pyridin-4-
	ylmethoxy)carbonyl]-D-alaninate
1232	$(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-\{[(3-$
1232	ethylbenzyl)amino]methyl}propyl (2R)-2-{[(benzyloxy)carbonyl]amino}-4-
	(methylsulfonyl)butanoate
1234	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
1234	ethylbenzyl)amino]methyl}propyl N-[(benzyloxy)carbonyl]-3-(butylsulfonyl)-D-
ŀ	alaninate
1236	(1.P.2.9).2-amino-3-(3.5-difluorophenyl)-1-{[(3-
1230	ethylbenzyl)amino]methyl}propyl N-[(benzyloxy)carbonyl]-3-(butylsulfonyl)-L-
	alaninate
1238	$(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-(\{[(1R)-2-hydroxy-1-4]\}-1-([(1R)-2-hydroxy-1-4])-1-([(1R)-2-hydroxy-1-4])-1-([(1R)-2-hydroxy-1-4])-1-([(1R)-2-hydroxy-1-4])-1-([(1R)-2-hydroxy-1-4])-1-([(1R)-2-hydroxy-1-4])-1-([(1R)-2-hydroxy-1-4])-1-([(1R)-2-hydroxy-1-4])-1-([(1R)-2-hydroxy-1-4])-1-([(1R)-2-hydroxy-1-4])-1-([(1R)-2-hydroxy-1-4])-1-([(1R)-2-hydroxy-1-4])-1-([(1R)-2-hydroxy-1-4])-1-([(1R)-2-hydroxy-1-4])-1-([(1R)-2-hydroxy-1-4])-1-([(1R)-2-hydroxy-1-4])-1-([(1R)-2-hydroxy-1-4])-1-([(1R)-2-hydroxy-1-4])-1-([(1R)-2-hydroxy-1-4])-1-([(1R)-2-hydroxy-1-4$
1230	phenylethyl]amino} methyl)propyl N-[(benzyloxy)carbonyl]-3-[(1-
	propylbutyl)sulfonyl]-D-alaninate
1240	$\frac{(1R,2S)-2-\text{amino-3-}(3,5-\text{difluorophenyl})-1-(\{[(1R)-2-\text{methoxy-1-}(3,5-diflu$
1240	phenylethyl]amino} methyl)propyl N-[(benzyloxy)carbonyl]-3-[(1-
	propylbutyl)sulfonyl]-D-alaninate
1242	$\frac{(1R,2S)-2-\text{amino-3-}(3,5-\text{difluorophenyl})-1-(\{[(1S)-2-\text{methoxy-1-}(3,5-diflu$
1242	phenylethyl]amino} methyl)propyl N-[(benzyloxy)carbonyl]-3-[(1-
	propylbutyl)sulfonyl]-D-alaninate
1244	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-({[1-(3-
1244	ethylphenyl)cyclopropyl]amino}methyl)propyl N-[(benzyloxy)carbonyl]-3-[(1-
	propylbutyl)sulfonyl]-D-alaninate
1246	$[(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-\{[(3-difluorophenyl)-1-(3-$
1246	ethylbenzyl)amino]methyl}propyl 3-[(1-propylbutyl)sulfonyl]-N-[(prop-2-yn-1-
	yloxy)carbonyl]-D-alaninate
1249	$\frac{\text{yloxy)carbonly1-D-atanmate}}{(1R,2S)-2-\text{amino-3-}(3,5-\text{difluorophenyl})-1-\{[(3-$
1248	ethylbenzyl)amino]methyl}propyl N-[(2-methoxyethoxy)carbonyl]-3-[(1-
	propylbutyl)sulfonyl]-D-alaninate
	propyroutyr)sunonyrj-D-alainnate

1250	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl N-({[(3R)-1-acetylpyrrolidin-3-
	yl]oxy}carbonyl)-3-[(1-propylbutyl)sulfonyl]-D-alaninate
1252	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl 3-[(1-propylbutyl)sulfonyl]-N-{[(3S)-
	tetrahydrofuran-3-yloxy]carbonyl}-D-alaninate
1254	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
120.	ethylbenzyl)amino]methyl}propyl 3-[(1-propylbutyl)sulfonyl]-N-{[(3S)-
	tetrahydrofuran-3-yloxy]carbonyl}-L-alaninate
1256	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
1230	ethylbenzyl)amino methyl} propyl N-[(benzyloxy)carbonyl]-3-[(1-
	propylbutyl)sulfonyl]-D-alaninate
1258	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3$ -
1238	ethylbenzyl)amino]methyl}propyl N-[(benzyloxy)carbonyl]-3-[(1-
	propylbutyl)sulfonyl]-L-alaninate
1260	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-({[1-(3-
1200	ethylphenyl)cyclopropyl]amino} methyl)propyl N-[(benzyloxy)carbonyl]-3-[(1-
10.60	propylbutyl)sulfonyl]alaninate
1262	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl N-[(benzyloxy)carbonyl]-3-[(1-
	propylbutyl)sulfonyl]alaninate
1264	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
	methylbutyl)amino]methyl}propyl N-[(benzyloxy)carbonyl]-3-[(1-
	propylbutyl)sulfonyl]alaninate
1266	(1R,2S)-2-amino-1-[(cyclopropylamino)methyl]-3-(3,5-difluorophenyl)propyl N-
	[(benzyloxy)carbonyl]-3-[(1-propylbutyl)sulfonyl]alaninate
1268	(1R,2S)-2-amino-1-{[(cyclopropylmethyl)amino]methyl}-3-(3,5-
	difluorophenyl)propyl N-[(benzyloxy)carbonyl]-3-[(1-
	propylbutyl)sulfonyl]alaninate
1270	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
	ethylphenyl)amino]methyl}propyl N-[(benzyloxy)carbonyl]-3-[(1-
	propylbutyl)sulfonyl]alaninate
1272	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-[({2-[3-
	(trifluoromethyl)phenyl]ethyl}amino)methyl]propyl N-[(benzyloxy)carbonyl]-3-
	[(1-propylbutyl)sulfonyl]alaninate
1274	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl 3-[(1-propylbutyl)sulfonyl]-N-[(pyridin-3-
	ylmethoxy)carbonyl]alaninate
1276	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl 3-[(1-propylbutyl)sulfonyl]-N-{[(3S)-
	tetrahydrofuran-3-yloxy]carbonyl}alaninate
1278	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl 3-[(1-propylbutyl)sulfonyl]-N-{[(3R)-
	tetrahydrofuran-3-yloxy]carbonyl}alaninate
1280	(1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-phenylpropyl 3-[(1-
	propylbutyl)sulfonyl]-N-{[(3S)-tetrahydrofuran-3-yloxy]carbonyl}alaninate
1282	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3-$
1202	ethylbenzyl)amino]methyl}propyl N-({[(3R)-1-acetylpyrrolidin-3-
1	Toury round remaining property (((ore) I wood represent to

	yl]oxy}carbonyl)-3-[(1-propylbutyl)sulfo	onvi]alaninate
1284	(1R,2S)-2-amino-3- $(3,5$ -difluorophenyl)-	1-{[(3-
1204	ethylbenzyl)amino]methyl}propyl 3-[(1-propylbutyl)sulfonyl]-N-{[(
ı	pyrrolidin-3-yloxy]carbonyl}alaninate	FF
1286	(1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-	1-{[(3-
1200	ethylbenzyl)amino]methyl}propyl N-({[((3R)-1-benzylpyrrolidin-3-
-	yl]oxy}carbonyl)-3-[(1-propylbutyl)sulfo	onvllalaninate
1288	(1R.25)-2-amino-3-(3.5-difluorophenyl)-	-1-{[(3-
1200	ethylbenzyl)amino]methyl}propyl N-({[((3R)-1,1-dioxidotetrahydro-3-
	thienyl]oxy}carbonyl)-3-[(1-propylbutyl)sulfonyl]alaninate
1290	(1R.2S)-2-amino-3-(3.5-difluorophenyl)-	-1-{[(3-
1250	ethylbenzyl)amino]methyl}propyl 3-[(1-	propylbutyl)sulfonyl]- N -{[(3 R)-
	tetrahydro-3-thienyloxy]carbonyl}alanin	ate
1292	(1R.2S)-2-amino-3-(3,5-difluorophenyl)-	-1-{[(3-
	ethylbenzyl)amino]methyl}propyl N-[(c	yclopentyloxy)carbonyl]-3-[(1-
	propylbutyl)sulfonyl]alaninate	
1294	(1R.2S)-2-amino-3-(3,5-difluorophenyl)	-1-{[(3-
	ethylbenzyl)amino]methyl}propyl N-[(c	yclohexyloxy)carbonyl]-3-[(1-
	propylbutyl)sulfonyllalaninate	
1296	(1R,2S)-2-amino-1-[(cyclopropylamino)	methyl]-3-(3,5-difluorophenyl)propyl 3-
	[(1-propylbutyl)sulfonyl]-N-[(tetrahydro	-2 <i>H</i> -pyran-4-yloxy)carbonyl]alanınate
1298		
,	ONH C	·
	, N	
	0=\$=0 0	
	NH ₂	
	ļ ļ	
1300		(1R,2S)-2-amino-3-(3,5-
	1170	difluorophenyl)-1-{[(3-
	N NH N N SO	ethylbenzyl)amino]methyl}propyl N-
		({[1-(methylsulfonyl)piperidin-4-
	H	
	H ₂ IV	propylouty1)sulfolly1]alalillate
	-\F	
	Ė	(1 B 2 C) 2 amino 3 (2 5
1302	900	
	NH THE	
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1		TAINOUNT OF CA
	H_2N	propylhutyl)sulfonyllalaninate
	H ₂ N F	propylbutyl)sulfonyl]alaninate
	F	propylbutyl)sulfonyl]alaninate
1302	H ₂ N H N O	yl]oxy}carbonyl)-3-[(1-propylbutyl)sulfonyl]alaninate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl N-{[(1-acetylpiperidin-4-yl)oxy]carbonyl}-3-[(1-

		
1304	SO ₂ H NH	(1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl <i>N</i> -({[(2 <i>R</i>)-5-oxopyrrolidin-2-
	Jun 1	
		yl]methoxy}carbonyl)-3-[(1-
	H ₂ N N	propylbutyl)sulfonyl]alaninate
	F .	
1306		(1R,2S)-2-amino-3-(3,5-
		difluorophenyl)-1-{[(3-
	SO ₂ H O NH	ethylbenzyl)amino]methyl}propyl N-
	7 %	$(\{[(2S)-5-\text{oxopyrrolidin-}2-$
	O H	yl]methoxy}carbonyl)-3-[(1-
	H_2N	propylbutyl)sulfonyl]alaninate
	F F	·
	F	
1308		(1R,2S)-2-amino-3-(3,5-
	SO H O⊃	difluorophenyl)-1-{[(3-
	SO ₂ H OCH ₃	ethylbenzyl)amino]methyl}propyl N-
ŀ	. ~ 0	[(2-methoxyethoxy)carbonyl]-3-[(1-
	Ф н	propylbutyl)sulfonyl]alaninate
	H ₂ N	
	F	
1310	F F	(17,20, 2,, 2, (2, 5,
1310		(1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-
		difluorophenyl)-1-{[(3-
		ethylbenzyl)amino]methyl}propyl N-
	H ₂ N N H	[(benzyloxy)carbonyl]-3- (butylsulfonyl)alaninate
		(varyisuitonyi)alaimiate
	N NON	
	\$=6 ^t	
1015		
1312	(1 <i>R</i> ,2 <i>S</i>)-2-amino-1-{[(3-methoxybenzyl)	
1214	[(benzyloxy)carbonyl]-3-[(1-propylbutyl	
1314	N-{(1S,2R)-1-benzyl-2-hydroxy-3-[(3-m	
1316	hydroxy-4-(phenylsulfonyl)butanamide	
1210	(1R,2S)-2-amino-3- $(3,5$ -difluorophenyl)	-1-{{(3-
	ethylbenzyl)amino]methyl)propyl N^2 -[(lglutaminate	belizyloxy/caroonylj-/v°,/v°-dipropyl-L-
1318	(1R,2S)-2-amino-3- $(3,5$ -difluorophenyl)-	1_{[(3_
1316	ethylbenzyl)amino]methyl}propyl N^2 -[(t	enzylovy)carbonyll- N ⁵ N ⁵ dingonyl D
	glutaminate	benzyloxy jearbonyn -1v -dipropyn-D-
L	giutaiiiiiate	

1320	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl 3-(butylsulfonyl)-N-(3,3,3-
	trifluoropropanoyl)-D-alaninate
1322	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3$ -
	ethylbenzyl)amino]methyl}propyl 3-(butylsulfonyl)-N-(trifluoroacetyl)-D-
	alaninate
1324	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3-$
	ethylbenzyl)amino]methyl}propyl N-acetyl-3-(butylsulfonyl)-D-alaninate
1326	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3$ -
	ethylbenzyl)amino]methyl}propyl 3-(butylsulfonyl)-N-isonicotinoyl-D-alaninate
1328	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3-$
	ethylbenzyl)amino]methyl}propyl 3-(butylsulfonyl)-N-(cyclopropylcarbonyl)-D-
	alaninate
1330	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3-$
	ethylbenzyl)amino]methyl}propyl β-alanyl-3-(butylsulfonyl)-D-alaninate
1332	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3-$
	ethylbenzyl)amino]methyl}propyl glycyl-3-(butylsulfonyl)-D-alaninate
1334	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3-$
	ethylbenzyl)amino]methyl}propyl N,N-dimethylglycyl-3-(butylsulfonyl)-D-
İ	alaninate
1336	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3-$
	ethylbenzyl)amino]methyl}propyl N,N-dimethyl-β-alanyl-3-(butylsulfonyl)-D-
	alaninate
1338	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl 3-(butylsulfonyl)-N-(methoxyacetyl)-D-
	alaninate
1340	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3$ -
	ethylbenzyl)amino]methyl}propyl 3-(butylsulfonyl)-N-(pyridin-3-ylcarbonyl)-D-
	alaninate
1342	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3-$
	ethylbenzyl)amino]methyl}propyl 3-(butylsulfonyl)-N-[(2,4-dimethyl-1,3-
	thiazol-5-yl)carbonyl]-D-alaninate
1344	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3-$
	ethylbenzyl)amino]methyl}propyl 3-(butylsulfonyl)-N-{[3-(trifluoromethyl)-1H-
	pyrazol-4-yl]carbonyl}-D-alaninate
1346	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3-1),1],[(3-1),1]\}$
	ethylbenzyl)amino]methyl}propyl 3-(butylsulfonyl)-N-[(3-methyl-1H-pyrazol-5-
	yl)carbonyl]-D-alaninate
1348	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl 3-(butylsulfonyl)-N-(1H-imidazol-4-
	ylcarbonyl)-D-alaninate
1350	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl (2R)-5-hydroxy-2-
10.55	[(methoxycarbonyl)amino]nonanoate
1352	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl 3-(butylsulfonyl)-N-[(6-hydroxypyridin-3-
10.5	yl)carbonyl]-D-alaninate
1354	(1R,2S)-2-amino-1-[(cyclopropylamino)methyl]-3-(3,5-difluorophenyl)propyl 3-

F	
100	(butylsulfonyl)-N-(pyridin-3-ylcarbonyl)-D-alaninate
1356	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
	methylbutyl)amino]methyl}propyl N-acetyl-3-(butylsulfonyl)-D-alaninate
1358	(1R,2S)-2-amino-1-[(cyclopropylamino)methyl]-3-(3,5-difluorophenyl)propyl N-
	(cyclopropylcarbonyl)-3-[(1-propylbutyl)sulfonyl]-D-alaninate
1360	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3-$
	methylbutyl)amino]methyl}propyl N-acetyl-3-[(1-propylbutyl)sulfonyl]-D-
	alaninate
1362	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3-$
	ethylbenzyl)amino]methyl}propyl N-isonicotinoyl-3-[(1-propylbutyl)sulfonyl]-
	D-alaninate
1364	(1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl N-[(5-bromopyridin-3-yl)carbonyl]-3-[(1-
	propylbutyl)sulfonyl]-D-alaninate
1366	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3-$
	ethylbenzyl)amino]methyl}propyl N-[(5-chloropyridin-3-yl)carbonyl]-3-[(1-
	propylbutyl)sulfonyl]-D-alaninate
1368	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl N-(3-fluorobenzoyl)-3-[(1-
	propylbutyl)sulfonyl]-D-alaninate
1370	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl N-[(5-methylpyridin-3-yl)carbonyl]-3-[(1-
	propylbutyl)sulfonyl]-D-alaninate
1372	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3-$
	ethylbenzyl)amino]methyl}propyl N-phenylglycyl-3-[(1-propylbutyl)sulfonyl]-
	D-alaninate
1374	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl 3-[(1-propylbutyl)sulfonyl]-N-{[3-
	(trifluoromethyl)-1H-pyrazol-4-yl]carbonyl}-D-alaninate
1376	$(1R,2S)$ -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl N-[(3-methyl-1H-pyrazol-5-yl)carbonyl]-3-
	[(1-propylbutyl)sulfonyl]-D-alaninate
1378	(1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl 3-[(1-propylbutyl)sulfonyl]-N-(1,3-thiazol-4-
	ylcarbonyl)-D-alaninate
1380	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3-$
	ethylbenzyl)amino]methyl}propyl N-[(1-acetylpiperidin-4-yl)carbonyl]-3-[(1-
	propylbutyl)sulfonyl]-D-alaninate
1382	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3$ -
	ethylbenzyl)amino]methyl}propyl N-[4-(acetylamino)butanoyl]-3-[(1-
	propylbutyl)sulfonyl]-D-alaninate
1384	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl N-acetyl-β-alanyl-3-[(1-propylbutyl)sulfonyl]-
	D-alaninate
1386	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl N-(chloroacetyl)-3-[(1-propylbutyl)sulfonyl]-
	D-alaninate
1388	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-

	ethylbenzyl)amino]methyl}propyl N-(methoxyacetyl)-3-[(1-
	propylbutyl)sulfonyl]-D-alaninate
1390	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3-1),2,5]\}$
	ethylbenzyl)amino]methyl}propyl N-(3-methoxypropanoyl)-3-[(1-
	propylbutyl)sulfonyl]-D-alaninate
1392	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl N-(2,2-dimethylpropanoyl)-3-[(1-
	propylbutyl)sulfonyl]-D-alaninate
1394	$(1R, 2S)$ -2-amino-3-(3.5-difluorophenyl)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl N-isobutyryl-3-[(1-propylbutyl)sulfonyl]-D-
	alaninate
1396	(1.8.2.9-2-amino-3-(3.5-difluorophenyl)-1-{[(3-
1570	ethylbenzyl)amino]methyl}propyl N-butyryl-3-[(1-propylbutyl)sulfonyl]-D-
	alaninate
1398	(1R 2S)-2-amino-3-(3.5-difluorophenyl)-1-{[(3-
1570	ethylbenzyl)amino]methyl}propyl N-acetyl-3-[(1-propylbutyl)sulfonyl]-D-
	alaninate
1400	(1R 2S)-2-amino-3-(3.5-difluorophenyl)-1-({[1-(3-
1400	ethylphenyl)cyclopropyl]amino} methyl)propyl 3-[(1-propylbutyl)sulfonyl]-N-
	(pyridin-3-ylcarbonyl)-D-alaninate
1402	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-({[1-(3-
1402	ethylphenyl)cyclopropyl]amino} methyl)propyl N-isonicotinoyl-3-[(1-
	propylbutyl)sulfonyl]-D-alaninate
1404	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-({[1-(3-
1404	ethylphenyl)cyclopropyl]amino} methyl)propyl N-(3-hydroxybenzoyl)-3-[(1-
	propylbutyl)sulfonyl]-D-alaninate
1406	$\frac{(1R,2S)-2-\text{amino-3-}(3,5-\text{difluorophenyl})-1-\{[(3-$
1406	ethylbenzyl)amino]methyl}propyl 3-[(1-propylbutyl)sulfonyl]-N-(pyridin-3-
	ethyloenzyljammojmethyljpropyl 5 ((1 propyrous)lyssiasisjej av (1)
1.400	ylcarbonyl)-D-alaninate (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
1408	ethylbenzyl)amino]methyl}propyl N-(3-hydroxybenzoyl)-3-[(1-
	etnylbenzyljammojmemyljpiopyl N-(5-nydroxybonzoyl) 5 ((2
4410	propylbutyl)sulfonyl]-D-alaninate
1410	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl N-(cyclopropylcarbonyl)-3-[(1-
	ethylbenzyljaminojmethylpropyl V-(cyclopropylcarbonyl) 5 ((x
	propylbutyl)sulfonyl]-D-alaninate
1412	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
	ethylbenzyl)amino]methyl}propyl N-propionyl-3-[(1-propylbutyl)sulfonyl]-D-
	alaninate
1414	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
ĺ	ethylbenzyl)amino]methyl}propyl 3-(butylsulfonyl)-N-(pyridin-3-
	ylcarbonyl)alaninate
1416	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-({[1-(3-
	ethylphenyl)cyclopropyl]amino}methyl)propyl N-(3-hydroxybenzoyl)-3-[(1-
	propylbutyl)sulfonyl]alaninate
1418	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-({[1-(3-
	ethylphenyl)cyclopropyl]amino}methyl)propyl N-isonicotinoyl-3-[(1-
	propylbutyl)sulfonyl]alaninate
1420	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-

	otherline and the state of the		
	ethylbenzyl)amino]methyl}propyl N-[(6-oxo-1,4,5,6-tetrahydropyridazin-3-		
1422	yl)carbonyl]-3-[(1-propylbutyl)sulfonyl]alaninate		
1422	1()== / = ======= = (b)s diridolophonyl/=1=\ ()=		
	ethylbenzyl)amino]methyl}propyl 5-oxo-D-prolyl-3-[(1-propylbutyl)sulfonyl]alaninate hydrochloride		
	propylbutyl)sulfonyl]alaninate hydrochloride		
1424	ic , -, (-,- dilitolopholiyi) 1-11(5-		
	ethylbenzyl)amino]methyl}propyl 5-oxo-L-prolyl-3-[(1-		
	[propylbutyl)sulfonyl]alaninate		
1426	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-		
	ethylbenzyl)amino]methyl}propyl N-[3-(4-oxo-2-thioxo-1,3-thiazolidin-3		
	[yl)propanoyl]-3-[(1-propylbutyl)sulfonyl]alaninate		
1428	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3-$		
	ethylbenzyl)amino]methyl}propyl N-(piperidin-4-ylcarbonyl)-3-[(1-		
	propylbutyl)sulfonyl]alaninate		
1430	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-		
	ethylbenzyl)amino]methyl}propyl N-[(2,4-dimethyl-1,3-thiazol-5-yl)carbonyl]-		
	3-[(1-propylbutyl)sulfonyl]alaninate		
1432	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3-$		
	ethylbenzyl)amino]methyl}propyl N-{[2-methyl-4-(trifluoromethyl)-1,3-thiazol-		
	5-yl]carbonyl}-3-[(1-propylbutyl)sulfonyl]alaninate		
1434	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-		
	ethylbenzyl)amino]methyl}propyl <i>N</i> -[(3,5-dimethylisoxazol-4-yl)carbonyl]-3-		
	[(1-propylbutyl)sulfonyl]alaninate		
1436	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3-$		
1 150	ethylbenzyl)aminolmethyl) propyl M [(2 modyl 177 15 15 15 15 15 15 15 15 15 15 15 15 15		
	ethylbenzyl)amino]methyl}propyl N-[(3-methyl-1H-pyrazol-5-yl)carbonyl] [(1-propylbutyl)sulfonyl]alaninate		
1438	(1R 2S)-2-amino 3 (2.5 diffuorenhe et l. 1. (1/2)		
1730	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-		
	ethylbenzyl)amino]methyl}propyl 3-[(1-propylbutyl)sulfonyl]-N-(1H-pyrazol-4-ylcarbonyl)alaninate		
1440	(1R 2S) 2-amino 3 (2.5 diffuorante and 1. (5/2)		
1440	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-		
	ethylbenzyl)amino]methyl}propyl N-(1H-imidazol-5-ylcarbonyl)-3-[(1-propylbutyl)sulfonyl]alaninate		
1442			
1442	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-		
	ethylbenzyl)amino]methyl}propyl N-(1H-imidazol-4-ylacetyl)-3-[(1-		
1 4 4 4	propylbutyl)sulfonyl]alaninate		
1444	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-		
	ethylbenzyl)amino]methyl}propyl 3-[(1-propylbutyl)sulfonyl]-N-(pyrazin-2-		
1 4 4 5	ylcarbonyl)alanınate		
1446	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3$ -		
	ethylbenzyl)amino]methyl}propyl N-(2,6-dihydroxyisonicotinoyl)-3-[(1-		
_ 	[propylbutyl)sulfonyl]alaninate		
1448	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-		
	ethylbenzyl)amino]methyl}propyl N-[(6-hydroxypyridin-3-vl)carbonyl]-3-[(1-		
	propylbutyl)sulfonyl Jalaninate		
1450	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3-$		
	ethylbenzyl)amino]methyl}propyl N-[(6-chloropyridin-3-yl)carbonyl]-3-[(1-		
	propylbutyl)sulfonyl]alaninate		
1452	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3-$		
	(1/2		

	ethylbenzyl)amino]methyl}propyl N-isonicotinoyl-3-[(1-			
	propylbutyl)sulfonyl]alaninate			
1454	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-			
	ethylbenzyl)amino]methyl}propyl 3-[(1-propylbutyl)sulfonyl]-N-(pyridin-3-			
	ylcarbonyl)alaninate			
1456	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-			
	ethylbenzyl)amino]methyl}propyl 3-[(1-propylbutyl)sulfonyl]-N-(pyridin-2-			
	ylcarbonyl)alaninate			
1458	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-			
	ethylbenzyl)amino]methyl}propyl N-(1H-indol-6-ylcarbonyl)-3-[(1-			
	propylbutyl)sulfonyl]alaninate hydrochloride			
1460	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3-$			
	ethylbenzyl)amino]methyl}propyl 3-[(1-propylbutyl)sulfonyl]-N-(3,4,5-			
	trimethoxybenzoyl)alaninate			
1462	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-			
	ethylbenzyl)amino]methyl}propyl N-(2-methylbenzoyl)-3-[(1-			
	propylbutyl)sulfonyl]alaninate			
1464	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-			
	ethylbenzyl)amino]methyl}propyl N-(3-hydroxybenzoyl)-3-[(1-			
i i	propylbutyl)sulfonyl]alaninate			
1466	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-			
	ethylbenzyl)amino]methyl}propyl N-(3-methylbenzoyl)-3-[(1-			
	propylbutyl)sulfonyl]alaninate			
1468				
	ethylbenzyl)amino]methyl}propyl N-(3-ethylbenzoyl)-3-[(1-			
	propylbutyl)sulfonyl]alaninate			
1470	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-			
	ethylbenzyl)amino]methyl}propyl N-(3-chlorobenzoyl)-3-[(1-			
	propylbutyl)sulfonyl]alaninate			
1472	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-			
	ethylbenzyl)amino]methyl}propyl 3-[(1-propylbutyl)sulfonyl]-N-[4-			
	(trifluoromethyl)benzoyl]alaninate			
1474	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-			
<u> </u>	ethylbenzyl)amino]methyl}propyl N-(4-methoxybenzoyl)-3-[(1-			
	propylbutyl)sulfonyl]alaninate			
1476	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-			
	ethylbenzyl)amino]methyl}propyl 3-[(1-propylbutyl)sulfonyl]-N-[4-			
	(trifluoromethyl)benzoyl]alaninate			

1478	· · ·	(1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
	H O=S	ethylbenzyl)amino]methyl}propyl <i>N</i> -(cyclohexylcarbonyl)-3-[(1-propylbutyl)sulfonyl]alaninate
	H O O NH ₂	
	F	·
1480		(1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl <i>N</i> -benzoyl-3-[(1-
	S=00	propylbutyl)sulfonyl]alaninate
1482	$\begin{array}{c c} & & & \\ & & \\ & & & \\ & & & \\ & & & \\ & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ &$	(1R,2S)-2-amino-1- [(cyclopropylamino)methyl]-3-(3,5- difluorophenyl)propyl N-benzoyl-3-[(1- propylbutyl)sulfonyl]alaninate
	F NH ₂ SO ₂	·
1484		(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl N-(phenylacetyl)-3-[(1-
	S=00 H ₂ N	propylbutyl)sulfonyl]alaninate
1486	O HN F	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl N-(3-phenylpropanoyl)-3-[(1-propylbutyl)sulfonyl]alaninate
	H ₂ N F	

		1470mg : 2/25
1488		(1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-
	0.	difluorophenyl)-1-{[(3-
		ethylbenzyl)amino]methyl}propyl 3-
	NH NH	(benzoylamino)-2-{[(1-
]	H)=	propylbutyl)sulfonyl]methyl}propanoat
	S >-0. HN-	e
	Loron F	
ļ	H ₂ N-	
	<u></u>	
1490		(1R,2S)-2-amino-1-{[(3-
1490		methoxybenzyl)amino]methyl}-3-
		phenylpropyl N-(cyclopropylacetyl)-3-
		pnenyipiopyi iv-(cyclopropyiacetyi)-5-
ļ	l ſ	[(1-propylbutyl)sulfonyl]alaninate
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1492	0=\$—	$(1R,2S)$ -2-amino-1-{[(3-
}	ر م	methoxybenzyl)amino]methyl}-3-
		phenylpropyl N-
	S NH	[(methylsulfonyl)acetyl]-3-[(1-
	De H	propylbutyl)sulfonyl]alaninate
	H ₂ N N	
		1
		(1R,2S)-2-amino-1-{[(3-
1494	s s	
		methoxybenzyl)amino]methyl}-3-
ŀ	NH NH	phenylpropyl N-[(methylthio)acetyl]-3-
		[(1-propylbutyl)sulfonyl]alaninate
1.	H ₂ N N	
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1496		
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	SO ₂ H O	.
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	H ₂ N N	

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1498		$(1R,2S)$ -2-amino-1-{[(3-	
		methoxybenzyl)amino]methyl}-3-	
	SO ₂ H O	phenylpropyl N-[4-(methylamino)-4-	
	NH	oxobutanoyl]-3-[(1-	
		propylbutyl)sulfonyl]alaninate	
	H ₂ N $\stackrel{\downarrow}{\downarrow}$ N $\stackrel{\downarrow}{\downarrow}$		
1500			
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	SO _{2 H} O		
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	o Ö , , , , ,		
	H ₂ N N		
1500	(17.00)		
1502	$(1R,2S)$ -2-amino-1-{[(3-methoxybenzyl)		
1504	(methylsulfonyl)glycyl-3-[(1-propylbuty		
1504	$(1R,2S)$ -2-amino-1-{[(3-methoxybenzyl)]	amino]methyl}-3-phenylpropyl N-	
1.50.6	acetyl-3-(phenylsulfonyl)alaninate		
1506	$(1R,2S)$ -2-amino-1-{[(3-methoxybenzyl)		
	[(4-methoxy-4-oxobutanoyl)amino]-5-oxo-5-piperidin-1-ylpentanoate		
1508	(()) (()) - (
	{[(benzyloxy)carbonyl]amino}-5-oxo-5-piperidin-1-ylpentanoate		
1510	(L)		
	[(3-ethoxy-3-oxopropanoyl)amino]-5-oxo-5-piperidin-1-ylpentanoate		
1512	$(1R,2S)$ -2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-phenylpropyl N^2 -(4-		
	methoxy-4-oxobutanoyl)-N ⁵ ,N ⁵ -dipropyl-D-glutaminate		
1514	(1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-phenylpropyl (2R)-2-		
	[(4-methoxy-4-oxobutanoyl)amino]-5-oxo-5-piperidin-1-ylpentanoate		
1516	(1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-phenylpropyl (2R)-2		
	[(5-methoxy-5-oxopentanoyl)amino]-5-c		
1518	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-	-1-{[(3-	
	ethylbenzyl)amino]methyl}propyl 2-(ace	etyloxy)-3-(butylsulfonyl)propanoate	
1520	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-	-1-{[(3-	
	ethylbenzyl)amino]methyl}propyl S-butyl-D-cysteinate		
1522	(1R,2S)-2-amino-3- $(3,5$ -difluorophenyl)-		
	ethylbenzyl)amino]methyl}propyl 3-(butylsulfinyl)-D-alaninate		
1524	(1R,2S)-2-amino-3- $(3,5$ -difluorophenyl)-		
	ethylbenzyl)amino]methyl)propyl 3-(butylsulfonyl)-D-alaninate		
1526	6 (1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-		
	ethylbenzyl)amino]methyl}propyl 3-(but		
1528	(1R,2S)-2-amino-3- $(3,5$ -difluorophenyl)-		
	methylbutyl)amino]methyl}propyl 3-(bu		
1530	(1R,2S)-2-amino-3- $(3,5$ -difluorophenyl)-	1-({[1-(3-	
	ethylphenyl)cyclopropyl]amino}methyl)	propyl 3-[(1-propylbutyl)sulfonyl]-D-	
	alaninate		

1532	$(1R,2S)$ -2-amino-3-(3,5-difluorophenyl)-1-{[(3-		
	ethylbenzyl)amino]methyl}propyl 3-[(1-propylbutyl)sulfonyl]-L-alaninate		
1534	(1R,2S)-2-amino-1-[(cyclopropylamino)methyl]-3-(3,5-difluorophenyl)propylamino		
	[(1-propylbutyl)sulfonyl]-D-alaninate		
1536	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3$ -		
	methylbutyl)amino]methyl}propyl 3-[(1-propylbutyl)sulfonyl]-D-alaninate		
1538	(1R.2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-		
	ethylbenzyl)amino]methyl}propyl 3-[(1-propylbutyl)sulfonyl]-D-alaninate		
1540	(1R.2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-		
	ethylbenzyl)amino]methyl}propyl 3-[(1-propylbutyl)sulfonyl]alaninate		
1542	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1-{[(3-		
	ethylbenzyl)amino]methyl}propyl N-(phenoxyacetyl)-3-[(1-		
	propylbutyl)sulfonyl]alaninate		
1544	$(1R.2S)-2$ -amino-3- $(3.5$ -difluorophenyl)-1-{[(3-		
10	ethylbenzyl)amino]methyl}propyl N-{[(5-chloro-2-thienyl)thio]peroxy}-3-[(1-		
	propylbutyl)sulfonyl]alaninate		
1546	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3$ -		
13.0	ethylbenzyl)amino]methyl}propyl N-(phenylsulfonyl)-3-[(1-		
	propylbutyl)sulfonyl]alaninate		
1548	$(1R,2S)$ -3- $(3,5$ -difluorophenyl)-1- $\{[(3$ -ethylbenzyl)amino]methyl}-2-		
1246	(methylamino)propyl N-[(benzylamino)carbonyl]-3-[(1-		
	propylbutyl)sulfonyl]alaninate		
1550	4-{[(1 <i>R</i> ,2 <i>S</i>)-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}-2-		
1550	(methylamino)propyl]oxy}-4-oxo-3-{[(1-propylbutyl)sulfonyl]methyl}butanoic		
	acid		
1552	$4-[((1R.2S)-2-amino-1-\{[(3-methoxybenzyl)amino]methyl\}-3-$		
1332	phenylpropyl)oxy]-3-{[(3-methylbutyl)sulfonyl]methyl}-4-oxobutanoic acid		
1554	1-((1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-phenylpropyl) 4-		
1554	methyl 2-{[(3-methylbutyl)sulfonyl]methyl} succinate		
1556	(1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-phenylpropyl 4-		
1330	amino-2-{[(3-methylbutyl)sulfonyl]methyl}-4-oxobutanoate		
1558	(1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-phenylpropyl 4-		
1336	(methylamino)-2-{[(3-methylbutyl)sulfonyl]methyl}-4-oxobutanoate		
1560	(1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-phenylpropyl 4-		
1300	(dimethylamino)-2-{[(3-methylbutyl)sulfonyl]methyl}-4-oxobutanoate		
1562	$\frac{(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-\{[(3-4)-4](3-4)-4\}}{(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-\{[(3-4)-4](3-4)-4\}}$		
1362	ethylbenzyl)amino]methyl}propyl 3-(4,4-dimethyl-2,5-dioxoimidazolidin-1-yl)-		
	2-{[(1-propylbutyl)sulfonyl]methyl}propanoate		
1564	$\frac{2-\{(1-\text{propyrouty})\text{surronyr}\}\text{meanyr}}{(1R,2S)-2-\text{amino-3-}(3,5-\text{difluorophenyl})-1-\{[(3-\text{difluorophenyl})-1-\text{difluorophenyl})-1-\text{difluorophenyl}}$		
1564	ethylbenzyl)amino]methyl}propyl 3-(4,4-dimethyl-2,5-dioxoimidazolidin-1-yl)-		
	ethylbenzyl)aminojmetnyl}propyl 3-(4,4-dimethyl-z,3-dioxolinidazolidii-		
1555	2-{[(1-propylbutyl)sulfonyl]methyl}propanoate		
1566	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 3-(4,4-dimethyl-2,5-dioxoimidazolidin-1-yl)-		
	ethyloenzyi)ammojmemyi) propyi 5-(4,4-ammemyi-2,5-aloxommaazonam-1-yi)		
1550	2-{[(1-propylbutyl)sulfonyl]methyl}propanoate		
1568	(1R,2R)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-phenylpropyl 3-		
	(ethylsulfonyl)-2-{[(isobutylsulfonyl)amino]methyl} propanoate		
1570	(1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-phenylpropyl 3-		
1	(ethylthio)-2-{[(isobutylsulfonyl)amino]methyl}propanoate		

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1572	(1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-phenylpropyl (2S)-2-	
	{[(3-methylbutyl)sulfonyl]amino}-4-(methylsulfonyl)butanoate	
1574	(1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-phenylpropyl N-[(3-	
	methylbutyl)sulfonyl]-L-methioninate	
1576	(1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-phenylpropyl 3-	
L	(acetylthio)-2-{[(3-methylbutyl)sulfonyl]methyl}propanoate	
1578	(1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-phenylpropyl 2-	
	hydroxy-3-[(1-propylbutyl)sulfonyl]propanoate	
1580	(1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-phenylpropyl 2-	
	hydroxy-3-[(3-methylbutyl)sulfonyl]propanoate	
1582	(1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-phenylpropyl 2-	
	hydroxy-3-[(3-methoxyphenyl)sulfonyl]propanoate	
1584	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3$ -	
	ethylbenzyl)amino]methyl}propyl 2-hydroxy-4-(phenylsulfonyl)butanoate	
1586	(1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-phenylpropyl 2-	
	hydroxy-4-[(3-methylbutyl)sulfonyl]butanoate	
1588	(1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-phenylpropyl 4-[(3-	
	methylbutyl)sulfonyl]-2-phenoxybutanoate	
1590	(1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-phenylpropyl 2-(3-	
	methoxyphenoxy)-4-[(3-methylbutyl)sulfonyl]butanoate	
1592	$3-\{1-\{[((1R,2S)-2-amino-1-\{[(3-methoxybenzyl)amino]methyl\}-3-$	
	phenylpropyl)oxy]carbonyl}-3-[(3-methylbutyl)sulfonyl]propoxy}benzoic acid	
1594	methyl $3-\{1-\{[(1R,2S)-2-amino-1-\{[(3-methoxybenzyl)amino]methyl\}-3-$	
	phenylpropyl)oxy]carbonyl}-3-[(3-methylbutyl)sulfonyl]propoxy}benzoate	
1596	(1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-phenylpropyl 2-	
	hydroxy-4-(phenylsulfonyl)butanoate	
1598	(1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-phenylpropyl 2-	
	hydroxy-4-(phenylthio)butanoate	
1600	(1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-phenylpropyl 2-	
	methoxy-4-(phenylsulfonyl)butanoate	
1602	(1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-phenylpropyl 2-	
	methoxy-4-(phenylthio)butanoate	
1604	(1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-phenylpropyl 4-	
	(phenylsulfonyl)-2-propoxybutanoate	
1606	(1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-phenylpropyl 2-	
	(benzyloxy)-4-(phenylsulfonyl)butanoate	
1608	(1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-phenylpropyl N-	
	[(benzyloxy)carbonyl]methioninate	
1610	(1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-phenylpropyl (2S)-2-	
	amino-5-oxo-5-piperidin-1-ylpentanoate	
1612	(1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-phenylpropyl (2S)-2-	
	[(2-methoxy-2-oxoethyl)amino]-5-oxo-5-piperidin-1-ylpentanoate	
1614	(1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-phenylpropyl (2R	
	amino-5-oxo-5-piperidin-1-ylpentanoate	
1616	(1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-phenylpropyl (2R)-2-	
	[(2-ethoxy-2-oxoethyl)amino]-5-oxo-5-piperidin-1-ylpentanoate	
1618	(1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-phenylpropyl (2R)-2-	
	[(4-ethoxy-4-oxobutyl)amino]-5-oxo-5-piperidin-1-ylpentanoate	

1620	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-	
	ethylbenzyl)amino]methyl}propyl (2R)-2-[(methoxycarbonyl)amino]-4-	
	oxooctanoate	
1622	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-	
	ethylbenzyl)amino]methyl}propyl 4-butyl-N-(methoxycarbonyl)-D-homoserinate	
1624	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3$ -	
	ethylbenzyl)amino]methyl}propyl 3-(2-butyl-1,3-dioxolan-2-yl)-N-	
	(methoxycarbonyl)-D-alaninate	
1626	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3$ -	
	ethylbenzyl)amino]methyl}propyl 3-(2-butyl-1,3-dioxan-2-yl)-N-	
	(methoxycarbonyl)-D-alaninate	
1628	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3-$	
	ethylbenzyl)amino]methyl}propyl (2R)-4,4-difluoro-2-	
	[(methoxycarbonyl)amino]octanoate	
1630	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-	
	ethylbenzyl)amino]methyl}propyl (2R)-4-fluoro-2-	
	[(methoxycarbonyl)amino]octanoate	
1632	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-	
1002	ethylbenzyl)amino]methyl}propyl (2R)-2-[(methoxycarbonyl)amino]-5-	
	oxononanoate	
1634	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-	
105-1	ethylbenzyl)amino]methyl}propyl (2R)-5-hydroxy-2-	
	[(methoxycarbonyl)amino]nonanoate	
1636	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-	
1050	ethylbenzyl)amino]methyl}propyl (2R)-4-(2-butyl-1,3-dioxolan-2-yl)-2-	
	[(methoxycarbonyl)amino]butanoate	
1638	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-	
1000	ethylbenzyl)amino]methyl}propyl (2R)-4-(2-butyl-1,3-dioxan-2-yl)-2-	
	[(methoxycarbonyl)amino]butanoate	
1640	(1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-	
10.0	ethylbenzyl)amino]methyl}propyl (2R)-5-fluoro-2-	
	[(methoxycarbonyl)amino]nonanoate	
1642	(1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-	
10.2	ethylbenzyl)amino]methyl}propyl (2R)-5,5-difluoro-2-	
	[(methoxycarbonyl)amino]nonanoate	
1644	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-	
10	ethynylbenzyl)amino]methyl}propyl 3-(butylsulfonyl)-N-(methoxycarbonyl)-D-	
	alaninate	
1646	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-({[3-	
1070	(trifluoromethyl)benzyl]amino}methyl)propyl 3-(butylsulfonyl)-N-	
	(methoxycarbonyl)-D-alaninate	
1648	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-({[1-(3-	
	ethylphenyl)cyclopropyl]amino}methyl)propyl 3-(butylsulfonyl)-N-	
}	(methoxycarbonyl)-D-alaninate	
1650	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-({[1-(3-	
1050	ethynylphenyl)cyclopropyl]amino}methyl)propyl 3-(butylsulfonyl)-N-	
	(methoxycarbonyl)-D-alaninate	
1652	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-[({1-[3-	
1 2 2 2 2	(111,00) = unimo 2 (3,0 dilluolopitoli) 1 [(1 [2	

	(trifluoromethyl)phenyl]cyclopropyl} amino)methyl]propyl 3-(butylsulfonyl)-N-(methoxycarbonyl)-D-alaninate	
1654	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3-$	
	ethynylbenzyl)amino]methyl}propyl 3-(butylsulfonyl)-N-[(3-methyl-1H-pyrazol-	
1	[5-yl)carbonyl]-D-alaninate	
1656	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-({[3-	
j	(trifluoromethyl)benzyl]amino}methyl)propyl 3-(butylsulfonyl)-N-[(3-methyl-	
İ	1 <i>H</i> -pyrazol-5-yl)carbonyl]-D-alaninate	
1658	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-({[1-(3-	
	ethylphenyl)cyclopropyl]amino}methyl)propyl 3-(butylsulfonyl)-N-[(3-methyl-	
ĺ	1H-pyrazol-5-yl)carbonyl]-D-alaninate	
1660	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-({[1-(3-	
	ethynylphenyl)cyclopropyl]amino}methyl)propyl 3-(butylsulfonyl)-N-[(3-	
	methyl-1 <i>H</i> -pyrazol-5-yl)carbonyl]-D-alaninate	
1662	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-[({1-[3-	
	(trifluoromethyl)phenyl]cyclopropyl}amino)methyl]propyl 3-(butylsulfonyl)-N-	
	[(3-methyl-1 <i>H</i> -pyrazol-5-yl)carbonyl]-D-alaninate	
1664	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-	
	ethylbenzyl)amino]methyl}propyl (2R)-2-{[(methylamino)carbonyl]amino}-4-	
	oxooctanoate	
1666	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-	
	ethylbenzyl)amino]methyl}propyl 4-butyl-N-[(methylamino)carbonyl]-D-	
	homoserinate	
1668	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-	
	ethylbenzyl)amino]methyl}propyl 3-(2-butyl-1,3-dioxolan-2-yl)-N-	
	[(methylamino)carbonyl]-D-alaninate	
1670	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-	
	ethylbenzyl)amino]methyl}propyl 3-(2-butyl-1,3-dioxan-2-yl)-N-	
	[(methylamino)carbonyl]-D-alaninate	
1672	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-	
	ethylbenzyl)amino]methyl}propyl (2R)-4,4-difluoro-2-	
-	{[(methylamino)carbonyl]amino}octanoate	
1674	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-	
	ethylbenzyl)amino]methyl}propyl (2R)-4-fluoro-2-	
	{[(methylamino)carbonyl]amino} octanoate	
1676	(1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-	
	ethylbenzyl)amino]methyl}propyl (2R)-2-{[(methylamino)carbonyl]amino}-5-	
	oxononanoate [Chieffy January	
678	(1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-	
	ethylbenzyl)amino]methyl}propyl (2R)-5-hydroxy-2-	
	{[(methylamino)carbonyl]amino}nonanoate	
680	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-	
. 500	ethylhenzyl)aminolmethyl) propyl (2.2) 4 (2.1-1-1-1-2-1)	
	ethylbenzyl)amino]methyl}propyl (2R)-4-(2-butyl-1,3-dioxolan-2-yl)-2-	
682	{[(methylamino)carbonyl]amino}butanoate	
302	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-	
	ethylbenzyl)amino]methyl}propyl (2R)-4-(2-butyl-1,3-dioxan-2-yl)-2-	
684	{[(methylamino)carbonyl]amino} butanoate	
	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-	

	ethylbenzyl)amino]methyl}propyl (2R)-5-fluoro-2-		
	{[(methylamino)carbonyl]amino}nonanoate		
1686	$(1R,2S)$ -2-amino-3- $(3,5$ -difluorophenyl)-1- $\{[(3$ -		
1000	ethylbenzyl)amino]methyl}propyl (2R)-5,5-difluoro-2-		
	{[(methylamino)carbonyl]amino}nonanoate		
1688	(1 <i>R</i> ,2 <i>S</i>)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-		
1000	ethynylbenzyl)amino]methyl}propyl 3-(butylsulfonyl)-N-		
	[(methylamino)carbonyl]-D-alaninate		
1690	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-({[3-		
1000	(trifluoromethyl)benzyl]amino}methyl)propyl 3-(butylsulfonyl)-N-		
	[(methylamino)carbonyl]-D-alaninate		
1692	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-({[1-(3-		
1002	ethylphenyl)cyclopropyl]amino} methyl)propyl 3-(butylsulfonyl)-N-		
	[(methylamino)carbonyl]-D-alaninate		
1694	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-({[1-(3-		
1054	ethynylphenyl)cyclopropyl]amino}methyl)propyl 3-(butylsulfonyl)-N-		
	[(methylamino)carbonyl]-D-alaninate		
1696	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-[({1-[3-		
1050	(trifluoromethyl)phenyl]cyclopropyl}amino)methyl]propyl 3-(butylsulfonyl)-N-		
	[(methylamino)carbonyl]-D-alaninate		
1698	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-		
1000	ethynylbenzyl)amino]methyl}propyl 3-(butylsulfonyl)-N-[(4-methyl-1H-pyrazol-		
	1-yl)carbonyl]-D-alaninate		
1700	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-({[3-		
	(trifluoromethyl)benzyl]amino}methyl)propyl 3-(butylsulfonyl)-N-[(4-methyl-		
:	1H-pyrazol-1-yl)carbonyl]-D-alaninate		
1702	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-({[1-(3-		
	ethylphenyl)cyclopropyl]amino}methyl)propyl 3-(butylsulfonyl)-N-[(4-methyl-		
	1H-pyrazol-1-yl)carbonyl]-D-alaninate		
1704	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-({[1-(3-		
	ethynylphenyl)cyclopropyl]amino}methyl)propyl 3-(butylsulfonyl)-N-[(4-		
	methyl-1H-pyrazol-1-yl)carbonyl]-D-alaninate		
1706	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-[({1-[3-		
	(trifluoromethyl)phenyl]cyclopropyl}amino)methyl]propyl 3-(butylsulfonyl)-N-		
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1233	benzyl [(1R)-1-{[[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl](3-ethylbenzyl)amino]carbonyl}-3-(methylsulfonyl)propyl]carbamate
	ethylbenzyl)amino]carbonyl}-3-(methylsulfonyl)propyl]carbamate
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1299	(1R,2S)-2-amino-3-(3,5-difluoropheny	v1)-1-{[(3-	413
	ethylbenzyl)amino]methyl}propyl 3-[0 2 <i>H</i> -pyran-4-yloxy)carbonyl]alaninate	(1-propylbutyl)sulfonyl]-/V-[(te	tranyaro-
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1303	S-(3-[[(2R,3S)-3-amino-2-hydroxy-4-phenylbutyl](3-methoxybenzyl)amino]-2-
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1309	N-[(2R,3S)-3-amino-2-hydroxy-4-phenylbutyl]-N-(3-methoxybenzyl)-2-(3-
	methoxyphenoxy)-4-[(3-methylbutyl)sulfonyl]butanamide
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1321	F	N^{1} -[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-(butylsulfonyl)- N^{1} -(3-ethylbenzyl)- N^{2} -(3,3,3-trifluoropropanoyl)-D-alaninamide
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1323		N^{1} -[(2R,3S)-3-amino-4-(3,5-
		difluorophenyl)-2-hydroxybutyl]-3-
	F	(butylsulfonyl)- N^1 -(3-ethylbenzyl)- N^2 -
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1325		N-[(2R,3S)-3-amino-2-hydroxy-4-
	0	phenylbutyl]-2-methoxy-N-(3-
	NH ₂	methoxybenzyl)-4-
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1329		N^{1} -[(2R,3S)-3-amino-4-(3,5-
		difluorophenyl)-2-hydroxybutyl]-3-
	S H A	(butylsulfonyl)- N^2 -
	\rangle N \rangle	(cyclopropylcarbonyl)-N ¹ -(3-
	OH O	ethylbenzyl)-D-alaninamide
	H ₂ N N	
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1331	β -alanyl- N^1 -[(2R,3S)-3-amino-4-(3,5-d	ifluorophenyl)-2-hydroxybutyll-3-
	(butylsulfonyl)-N ¹ -(3-ethylbenzyl)-D-alaninamide	
1333	glycyl- N^1 -[(2 R ,3 S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-	
	(butylsulfonyl)-N ¹ -(3-ethylbenzyl)-D-alaninamide	
1335	$(1R,2S)$ -2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-phenylpropyl (2R)-2-	
	[(4-ethoxy-4-oxobutyl)amino]-5-oxo-5	-piperidin-1-ylpentanoate
1337	N,N -dimethyl- β -alanyl- N^{I} -[(2 $R,3S$)-3-amino-4-(3,5-difluorophenyl)-2-	
	[hydroxybutyl]-3- $(butylsulfonyl)$ - N' - $(3-$	ethylbenzyl)-D-alaninamide
1339	N^{1} -[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-(butylsulfonyl)-	

	N^1 -(3-ethylbenzyl)- N^2 -(methoxyacetyl)-D-alaninamide
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1345	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
1343	ethylbenzyl)amino]methyl}propyl 3-(2-butyl-1,3-dioxan-2-yl)-N-
	(methoxycarbonyl)-D-alaninate
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1353	F	
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1357	0	N^2 -acetyl- N^1 -[(2 R ,3 S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-(butylsulfonyl)- N^1 -(3-methylbutyl)-D-
•	QH N H	alaninamide
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1359	OH ONH	N^{1} -[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- N^{1} -cyclopropyl- N^{2} -(cyclopropylcarbonyl)-3-[(1-propylbutyl)sulfonyl]-D-alaninamide
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1361	0 0 N H O H 2 N H O H O H O H O H O H O H O H O H O H	N^2 -acetyl- N^1 -[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- N^1 -(3-methylbutyl)-3-[(1-propylbutyl)sulfonyl]-D-alaninamide
1363	F H ₂ N OH N O N N H	
1365	O Br O NH N O O O O O O O O O O O O O O O O O O O	
1367	H ₂ N F	
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1371	F H ₂ N OH H O S	
1373	F H ₂ N OH O H N N N N N N N N N N N N N N N N N N N	N -phenylglycyl- N^{1} -[(2 R ,3 S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- N^{1} -(3-ethylbenzyl)-3-[(1-propylbutyl)sulfonyl]-D-alaninamide
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1205	† N-acetyl-β-alanyl- N^1 -[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-		
1385	N ¹ -(3-ethylbenzyl)-3-[(1-propylbutyl)sulfonyl]-D-alaninamide		
1387	N^{1} -[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- N^{-} -(chloroacetyl)-		
	N ¹ -(3-ethylbenzyl)-3-[(1-propylbutyl)sulfonyl]-D-alaninamide		
1389	N^{1} -[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- N^{1} -(3-		
1391	ethylbenzyl)- N^2 -(methoxyacetyl)-3-[(1-propylbutyl)sulfonyl]-D-alaninamide N^1 -[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- N^1 -(3-		
	ethylbenzyl)-N ² -(3-methoxypropanoyl)-3-[(1-propylbutyl)sulfonyl]-D-		
	alaninamide $\frac{1}{\sqrt{2}} = \frac{1}{\sqrt{2}} 93	N^{1} -[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- N^{2} -(2,2-dimethylpropanoyl)- N^{1} -(3-ethylbenzyl)-3-[(1-propylbutyl)sulfonyl]-D-	
	alaninamide		
1395	N^{1} -[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- N^{1} -(3-		
	ethylbenzyl)-N ² -isobutyryl-3-[(1-propylbutyl)sulfonyl]-D-alaninamide		

		
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1399	H ₂ N OH O	N^2 -acetyl- N^1 -[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- N^1 -(3-ethylbenzyl)-3-[(1-propylbutyl)sulfonyl]-D-alaninamide
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1405	H ₂ N F	
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1411	O O O O O O O O O O O O O O O O O O O	N^1 -[(2 R ,3 S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- N^2 -(cyclopropylcarbonyl)- N^1 -(3-ethylbenzyl)-3-[(1-propylbutyl)sulfonyl]-D-alaninamide

1413	O O O O O O O O O O O O O O O O O O O	N^1 -[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- N^1 -(3-ethylbenzyl)- N^2 -propionyl-3-[(1-propylbutyl)sulfonyl]-D-alaninamide
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1417	H ₂ N F	
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1423	F H ₂ N OH N	5-oxo-D-prolyl- N^1 -[(2 R ,3 S)-3-amino-4- (3,5-difluorophenyl)-2-hydroxybutyl]- N^1 - (3-ethylbenzyl)-3-[(1- propylbutyl)sulfonyl]alaninamide hydrochloride
	O HCI O NH NH NH O O	
1425	H ₂ N N	5-oxo-L-prolyl- N^1 -[(2 R ,3 S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- N^1 -(3-ethylbenzyl)-3-[(1-propylbutyl)sulfonyl]alaninamide
	O NH NH NH O	
1427	F H ₂ N OH OS S	N^{1} -[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- N^{1} -(3-ethylbenzyl)- N^{2} -[3-(4-oxo-2-thioxo-1,3-thiazolidin-3-yl)propanoyl]-3-[(1-propylbutyl)sulfonyl]alaninamide
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1443	H ₂ N OH ON NH ON NH H SOO	N^1 -[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- N^1 -(3-ethylbenzyl)- N^2 -(1H-imidazol-4-ylacetyl)-3-[(1-propylbutyl)sulfonyl]alaninamide

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1485	N^1 -[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- N^1 -(3-
1.405	ethylbenzyl)- N^2 -(phenylacetyl)-3-[(1-propylbutyl)sulfonyl]alaninamide N^1 -[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- N^1 -(3-
1487	N'-[(2R,3S)-3-amino-4-(3,5-diffuorophenyl)-2-hydroxybutyl]-N'-(3-
1489	ethylbenzyl)- N^2 -(3-phenylpropanoyl)-3-[(1-propylbutyl)sulfonyl]alaninamide N -(3-[[(2 R ,3 S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl](3-
1489	$[N-(3-[[(2R,3S)-3-annio-4-(3,3-dnruoropnenyi)-2-nydroxyoutyi](3-ethylbenzyl)amino]-3-oxo-2-{[(1-$
	propylbutyl)sulfonyl]methyl}propyl)benzamide
1491	N^{1} -[(2R,3S)-3-amino-2-hydroxy-4-phenylbutyl]- N^{2} -(cyclopropylacetyl)- N^{1} -(3-
1471	methoxybenzyl)-3-[(1-propylbutyl)sulfonyl]alaninamide
1493	N^{1} -[(2R,3S)-3-amino-2-hydroxy-4-phenylbutyl]- N^{1} -(3-methoxybenzyl)- N^{2} -
	[(methylsulfonyl)acetyl]-3-[(1-propylbutyl)sulfonyl]alaninamide
1495	N^1 -[(2R,3S)-3-amino-2-hydroxy-4-phenylbutyl]- N^1 -(3-methoxybenzyl)- N^2 -
,	[(methylthio)acetyl]-3-[(1-propylbutyl)sulfonyl]alaninamide
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1503	N -(methylsulfonyl)glycyl- N^1 -[(2 R ,3 S)-3-amino-2-hydroxy-4-phenylbutyl]- N^1 -(3-
	methoxybenzyl)-3-[(1-propylbutyl)sulfonyl]alaninamide N^2 -acetyl- N^1 -[(2R,3S)-3-amino-2-hydroxy-4-phenylbutyl]- N^1 -(3-
1505	methoxybenzyl)-3-(phenylsulfonyl)alaninamide
1507	niethoxydelizyt)-5-(phenylsunonyt)anamamae
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1509	HN O OH NH2
1509	HN O OH NH2
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1509	N HN O OH NH2
1509	N HN O OH NH2 N N N H
1509	N HN O OH NH2 N N N H

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	O—NH
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	H_2N
1519	2-[[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl](3-
	ethylbenzyl)amino]-1-[(butylsulfonyl)methyl]-2-oxoethyl acetate
1521	N^{1} -[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-S-butyl- N^{1} -(3-

-	ethylbenzyl)-D-cysteinamide
1523	N^{1} -[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-(butylsulfinyl)-
1025	N^{1} (3-ethylbenzyl)-D-alaninamide
1525	N^{1} -[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-(butylsulfonyl)-
1323	λ ¹ (3. ethylhenzyl)-D-alaninamide
1527	N^{1} -[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-(butylsulfonyl)-
1527	N^{1} -(3-ethylbenzyl)-L-alaninamide
1529	N^{1} -[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-(butylsulfonyl)-
1323	λ^{\prime} (3-methylbutyl)-D-alaninamide
1531	N^1 -[(2R.3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- N^1 -[1-(3-
	ethylphenyl)cyclopropyll-3-[(1-propylbutyl)sulfonyl]-D-alaninamide
1533	N^{I} -[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- N^{I} -(3-
1000	ethylbenzyl)-3-[(1-propylbutyl)sulfonyl]-L-alaninamide
1535	N^1 -[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- N^1 -cyclopropyl-3-
1550	[(1-propylbutyl)sulfonyl]-D-alaninamide
1537	N^{1} -[(2R.3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- N^{1} -(3-
	methylbutyl)-3-[(1-propylbutyl)sulfonyl]-D-alaninamide
1539	N^{1} -[(2R.3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- N^{1} -(3-
	ethylbenzyl)-3-[(1-propylbutyl)sulfonyl]-D-alaninamide
1541	N^{1} -[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- N^{1} -(3-
	ethylbenzyl)-3-I(1-propylbutyl)sulfonyllalaninamide
1543	N'-[(2R.3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- N' -(3-
	ethylbenzyl)-N ² -(phenoxyacetyl)-3-[(1-propylbutyl)sulfonyl alaninamide
1545	N^{1} -[(2R.3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- N^{2} -{[(5-chloro-2-
	[thieny] thio $[peroxy] - N' - (3 - ethylbenzy] - 3 - [(1 - propylbuty]) sulfonyl [alaninamide]$
1547	N'-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]- N' -(3-
	ethylbenzyl)- N^2 -(phenylsulfonyl)-3-[(1-propylbutyl)sulfonyl]alaninamide
1549	N^2 -[(benzylamino)carbonyl]- N^1 -[(2R,3S)-4-(3,5-difluorophenyl)-2-hydroxy-3-
	$(methylamino)butyl]-N^{l}-(3-ethylbenzyl)-3-[(1-propylbutyl)sulfonyl]alaninamide$
1551	4-[(2R.3S)-4-(3.5-difluorophenyl)-2-hydroxy-3-(methylamino)butyl](3-
	ethylbenzyl)aminol-4-oxo-3-{[(1-propylbutyl)sulfonyl]methyl}butanoic acid
1553	4-[[(2R,3S)-3-amino-2-hydroxy-4-phenylbutyl](3-methoxybenzyl)amino]-3-{[(3-
	methylbutyl)sulfonyl]methyl}-4-oxobutanoic acid
1555	methyl 4-[(2R.3S)-3-amino-2-hydroxy-4-phenylbutyl](3-
	methoxybenzyl)aminol-3-{[(3-methylbutyl)sulfonyl]methyl}-4-oxobutanoate
1557	N^1 -[(2R,3S)-3-amino-2-hydroxy-4-phenylbutyl]- N^1 -(3-methoxybenzyl)-2-{[(3-
	methylbutyl)sulfonyllmethyl)succinamide
1559	N^{1} -[(2R,3S)-3-amino-2-hydroxy-4-phenylbutyl]- N^{1} -(3-methoxybenzyl)- N^{4} -
	methyl_2_{[(3_methylbutyl)sulfanyl\methyl\succinamide
1561	N'-[(2R.3S)-3-amino-2-hydroxy-4-phenylbutyl]- N' -(3-methoxybenzyl)- N' , N' -
	dimethyl-2-{[(3-methylbutyl)sulfonyl methyl}succinamide
1563	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-(4,4-dimethyl-
	2,5-dioxoimidazolidin-1-yl)-N-(3-ethylbenzyl)-2-{[(1-
	propylbutyl)sulfonyl]methyl}propanamide
1565	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-(4,4-dimethyl-
	2,5-dioxoimidazolidin-1-yl)-N-(3-ethylbenzyl)-2-{[(1-
	propylbutyl)sulfonyl]methyl}propanamide
1567	(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-

	ethylbenzyl)amino]methyl}propyl 3-(4,4-dimethyl-2,5-dioxoimidazolidin-1-yl)-	
	2-{[(1-propylbutyl)sulfonyl]methyl}propanoate	
1569	N-[(2R,3S)-3-amino-2-hydroxy-4-phenylbutyl]-3-(ethylsulfonyl)-2-	
	{[(isobutylsulfonyl)amino]methyl}-N-(3-methoxybenzyl)propanamide	
1571	N-[(2R,3S)-3-amino-2-hydroxy-4-phenylbutyl]-3-(ethylthio)-2-	
	{[(isobutylsulfonyl)amino]methyl}-N-(3-methoxybenzyl)propanamide	
1573	(2S)-N-[(2R,3S)-3-amino-2-hydroxy-4-phenylbutyl]-N-(3-methoxybenzyl)-2-	
	{[(3-methylbutyl)sulfonyl]amino}-4-(methylsulfonyl)butanamide	
1575	N^{1} -[(2R,3S)-3-amino-2-hydroxy-4-phenylbutyl]- N^{1} -(3-methoxybenzyl)- N^{2} -[(3-	
<u> </u>	methylbutyl)sulfonyl]-L-methioninamide	
1577	S-(3-[[(2R,3S)-3-amino-2-hydroxy-4-phenylbutyl](3-methoxybenzyl)amino]-2-	
	{[(3-methylbutyl)sulfonyl]methyl}-3-oxopropyl) ethanethioate	
1579	N-[(2R,3S)-3-amino-2-hydroxy-4-phenylbutyl]-2-hydroxy-N-(3-	
	methoxybenzyl)-3-[(1-propylbutyl)sulfonyl]propanamide	
1581	N-[(2R,3S)-3-amino-2-hydroxy-4-phenylbutyl]-2-hydroxy-N-(3-	
	methoxybenzyl)-3-[(3-methylbutyl)sulfonyl]propanamide	
1583	N-[(2R,3S)-3-amino-2-hydroxy-4-phenylbutyl]-2-hydroxy-N-(3-	
	methoxybenzyl)-3-[(3-methoxyphenyl)sulfonyl]propanamide	
1585	N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-	
	2-hydroxy-4-(phenylsulfonyl)butanamide	
1587	N-[(2R,3S)-3-amino-2-hydroxy-4-phenylbutyl]-2-hydroxy-N-(3-	
	methoxybenzyl)-4-[(3-methylbutyl)sulfonyl]butanamide	
1589	N-[(2R,3S)-3-amino-2-hydroxy-4-phenylbutyl]-N-(3-methoxybenzyl)-4-[(3-	
	methylbutyl)sulfonyl]-2-phenoxybutanamide	
1591	N-[(2R,3S)-3-amino-2-hydroxy-4-phenylbutyl]-N-(3-methoxybenzyl)-2-(3-	
	methoxyphenoxy)-4-[(3-methylbutyl)sulfonyl]butanamide	
1593	$3-\{1-\{[(2R,3S)-3-amino-2-hydroxy-4-phenylbutyl](3-$	
	methoxybenzyl)amino]carbonyl}-3-[(3-methylbutyl)sulfonyl]propoxy}benzoic	
	acid	
1595	methyl $3-\{1-\{[(2R,3S)-3-amino-2-hydroxy-4-phenylbutyl](3-$	
	methoxybenzyl)amino]carbonyl}-3-[(3-methylbutyl)sulfonyl]propoxy}benzoate	
1597	N-[(2R,3S)-3-amino-2-hydroxy-4-phenylbutyl]-2-hydroxy-N-(3-	
	methoxybenzyl)-4-(phenylsulfonyl)butanamide	
1599	N-[(2R,3S)-3-amino-2-hydroxy-4-phenylbutyl]-2-hydroxy-N-(3-	
	methoxybenzyl)-4-(phenylthio)butanamide	
1601	N-[(2R,3S)-3-amino-2-hydroxy-4-phenylbutyl]-2-methoxy- $N-(3-$	
	methoxybenzyl)-4-(phenylsulfonyl)butanamide	
1603	N-[(2R,3S)-3-amino-2-hydroxy-4-phenylbutyl]-2-methoxy-N-(3-	
	methoxybenzyl)-4-(phenylthio)butanamide	
1605	N-[(2R,3S)-3-amino-2-hydroxy-4-phenylbutyl]-N-(3-methoxybenzyl)-4-	
	(phenylsulfonyl)-2-propoxybutanamide	
1607	N-[(2 R ,3 S)-3-amino-2-hydroxy-4-phenylbutyl]-2-(benzyloxy)- N -(3-	
•	methoxybenzyl)-4-(phenylsulfonyl)butanamide	

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1611	Q .	(2S)-2-amino-N-[(2R,3S)-3-amino-2-hydroxy-4-phenylbutyl]-N-(3-
	H ₂ N	methoxybenzyl)-5-oxo-5-piperidin-1- ylpentanamide
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1615		(2R)-2-amino-N-[(2R,3S)-3-amino-2-hydroxy-4-phenylbutyl]-N-(3-
	H ₂ N	methoxybenzyl)-5-oxo-5-piperidin-1-ylpentanamide
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1621	0	methyl $((1R)-1-\{[[(2R,3S)-3-amino-4-$
	0 0	(3,5-difluorophenyl)-2-hydroxybutyl](3-
	HN,,	ethylbenzyl)amino]carbonyl}-3-
	N O F	oxoheptyl)carbamate
	ОН	
1.500	H ₂ N F	
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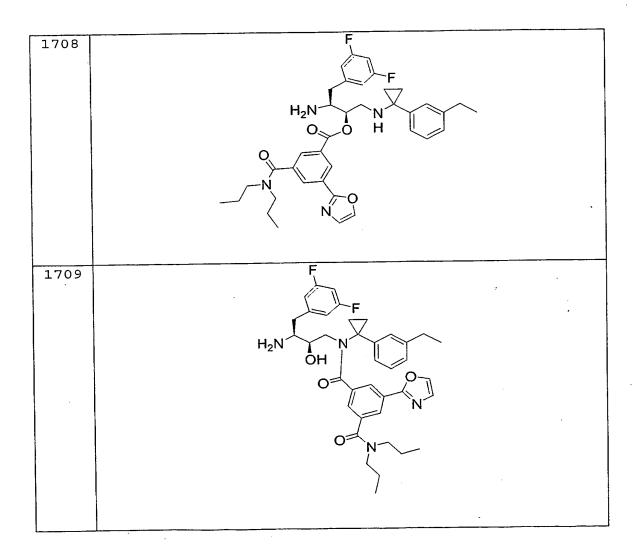
1627		
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	0 10 10 10 10 10 10 10 10 10 10 10 10 10	
1629	methyl $((1R)-1-\{[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl](3-byd)$	
	ethylbenzyl)amino]carbonyl}-3,3-difluoroheptyl)carbamate	
1631	methyl $((1R)-1-\{[[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl](3-methyl ((1R)-1-4)[[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl](3-methyl	ethylbenzyl)amino]carbonyl}-3-fluoroheptyl)carbamate
1633	methyl $((1R)-1-\{[[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl](3-ethylbenzyl)amino]carbonyl\}-4-oxooctyl)carbamate$	
1635	methyl $((1R)-1-\{[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl](3-$	
1033	ethylbenzyl)aminolcarbonyl}-4-hydroxyoctyl)carbamate	
1637	methyl $[(1R)-1-\{[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl](3-$	
1007	ethylhenzyl)amino]carbonyl}-3-(2-butyl-1,3-dioxolan-2-yl)propyl[carbamate]	
1639	methyl $[(1R)-1-\{[(2R.3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl](3-$	
	ethylbenzyl)aminolcarbonyl}-3-(2-butyl-1,3-dioxan-2-yl)propyl]carbamate	
1641	methyl $((1R)-1-\{[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl](3-$	
	ethylbenzyl)amino]carbonyl}-4-fluorooctyl)carbamate	
1643	methyl $((1R)-1-\{[[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl](3-difluorophenyl)$	
	ethylbenzyl)amino]carbonyl}-4,4-difluorooctyl)carbamate	
1645		
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	$N \sim NH_2$	
1647	F	
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	CF ₃	
	H_2N	
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1649	O O O O O O O O O O O O O O O O O O O	
1651	F H ₂ N OH OO'S	
1653	F H ₂ N OH OO S	
1655	F NH ₂	
1657	O O O O O O O O O O O O O O O O O O O	

1659	N-NH O
	HN. S
	N O OH
	NH ₂
	F [^] F
1661	N-NH O
	HN,,, os o
	N O OH
	NH ₂
1.660	F´ Y 'F
1663	N-NH O
	HN, S O
	F ₃ C OH
	NH ₂
1665	(2R)-N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-
1005	ethylbenzyl)-2-{[(methylamino)carbonyl]amino}-4-oxooctanamide
1667	N^{1} -[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-4-butyl- N^{1} -(3-
	$[ethv]$ benzyl)- N^2 - $[(methylamino)$ carbonyl]-D-homoserinamide
1669	N^{1} -[(2R.3S)-3-amino-4-(3.5-difluorophenyl)-2-hydroxybutyl]-3-(2-butyl-1,3-
	dioxolan-2-yl)- N^1 -(3-ethylbenzyl)- N^2 -[(methylamino)carbonyl]-D-alaninamide
1671	N^{1} -[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-(2-butyl-1,3-
	dioxan-2-yl)- N^1 -(3-ethylbenzyl)- N^2 -[(methylamino)carbonyl]-D-alaninamide
1673	(2R)-N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-4,4-difluoro-2-{[(methylamino)carbonyl]amino}octanamide
1.675	ethylbenzyi)-4,4-difluoro-2- $\{[(methylainfilo)carbonyr]ammo\}$ octanamide $(2R)-N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-k)$
1675	ethylbenzyl)-4-fluoro-2-{[(methylamino)carbonyl]amino}octanamide
1677	(2R)-N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-4R)-N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-4R)-N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-4R)-N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-4R)-N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-4R)-N-[(2R)-R-[(2R)-N-[(2R)-N-[(2R)-N-[(2R)-N-[(2R)-N-[(2R)-N-[(2R)-N-[(2R)-N-[(2R)-N-[(2R)-N-[(2R)-N-[(2R
1.	ethylbenzyl)-2-{[(methylamino)carbonyl]amino}-5-oxononanamide
1679	(2R)- N - $[(2R,3S)$ - 3 -amino- 4 - $(3,5$ -difluorophenyl)- 2 -hydroxybutyl]- N - $(3$ -

	ethylhenzyl) 5 hydroxy 2 (((mothological)	
1681	ethylbenzyl)-5-hydroxy-2-{[(methylamino)carbonyl]amino} nonanamide	
1001	(2R)-N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-4-(2-butyl-	
	1,3-dioxolan-2-yl)-N-(3-ethylbenzyl)-2-	
1683	{[(methylamino)carbonyl]amino} butanamide	
1003	(2R)-N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-4-(2-butyl-	
	1,3-dioxan-2-yi)-N-(3-ethylbenzyl)-2-	
1.00	{[(methylamino)carbonyl]amino}butanamide	
1685	(2R)-N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-	
1.50-	einyloenzyl)-5-Iluoro-2-{/(methylamino)carbonyllamino}nonanamide	
1687	$(2R)-N-[(2R,3S)-3-anino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-\lambda L/3$	
	_{ethyloenzyl)-5,5-diffuoro-2-{[(methylamino)carhonyl]amino}nonanamida	
1689	N = (2R, 3S) - 3 - amino - 4 - (3.5 - difluorophenyl) - 2 - hydroxybutyl - 3 - (butyloulfored)	
	[N -(3-ethynylbenzyl)-N (methylamino)carbonyll-D-alaninamide	
1691	N'-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-3-(butylsylfonyl)	
	/V - ((methylamino)carbony -N'-13-(trifluoromethyl)benzy D olominamid	
1693	[N-1(2K,3S)-3-amino-4-(3.5-difluorophenyl)-2-hydroxybutyl] 3 (hyttlends 1)	
	11 - (3-cullyIDDeflyI)CVCIODTODVII-N"-I (methylamino)carbonyII D. clamin : 1	
1695	$[V = (2\Lambda, 3\delta) = 3$ -aiiiiii0-4-(3.3-difiliorophenyl)-2-hydroxybytyll 2 (bytyleyle-1)	
	N^{1} -[1-(3-ethynylphenyl)cyclopropyl]- N^{2} -[(methylamino)carbonyl]-D-	
	alaninamide	
1697	N^{1} -[(2R.3S)-3-amino-4-(3.5-difluorophenyl) 2 hydroxylynt 13.2 (1.4.1.15)	
	N^2 -[(methylamino)carbonyl]- N^1 -{1-[3-(trifluoromethyl)phenyl]cyclopropyl}-D-	
	alaninamide	
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1705	0 HO NH ₂ F	•
1707	NH ₂	
	S=O HO	
	CF ₃	



1710	$\begin{array}{c c} F \\ H_2N \\ O \\ \end{array}$
1711	H ₂ N OH ON
*1712	HN NH NH NH NH NH NH NH NH NH NH NH NH N

1713	HCI STO HCI
1714	CF ₃
	S HN O
	H_2N
	F
	F F
1715	F ₃ C
	S ^O H O
,	N O
	OH OH
	H_2N
	F
	F

1716 1717 1718

1719	O O O O O O O O O O O O O O O O O O O
1720	O O O O O O O O O O
1721	O_{N} O_{N

1722	S N O D H H ₂ N F
1723	O N S N O O H N S N O O H N S N S N S N S N S N S N S N S N S N
1724	N O O H OH OH N N F F

1725	N O N HO OH HO OH N F
1726	O H ₂ N F
1727	$\begin{array}{c} O \\ O \\ O \\ O \\ O \\ O \\ O \\ O \\ O \\ O $

REARRANGEMENT EXAMPLES

The following examples illustrate the acyl group migration that takes place with compounds of the invention. These examples are for illustration purposes, and are not intended to limit the scope of the invention.

General Procedure:

OR (X) (5 mg) A compound of formula (I) dissolved in DMSO-d $_6$ (500 μL) and either pH 4 buffer solution (500 μ L, potassium hydrogen phthalate buffer) or pH 7 buffer solution (500 μ L, sodium and potassium The sample is then heated to phosphate buffer) is added. to N-terminal or N-acyl The O-acyl by observing the change is monitored migration chemical shift for the aromatic fluorines using 19F-NMR. (Fluorine shifts associated with the desired migration were confirmed by spiking with authentic analogue). sample is analyzed by ¹⁹F-NMR at approxiamately 0, 1.5, 3, 24, 48, and 144 hours. The amount of O-acyl pro-drug, Nacyl pro-drug, and desired migration product at each time point are assigned by integrating the corresponding NMR signal.

EXAMPLE 1: Specific NMR Example

N~1~-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-(1,3-oxazol-2-yl)-N~3~,N~3~-dipropyl-N~1~-[3-(trifluoromethyl)benzyl]isophthalamide hydrochloride (PREPARATION 7, 5 mg) is dissolved in DMSO-d₆ (500 μ L) and pH 4 buffer solution (500 μ L, potassium hydrogen phthalate buffer) is added. The sample is then heated to 40°C. The N-acyl to N-terminal N-acyl

migration is monitored by observing the change in chemical shift for the aromatic fluorines using $^{19}F-NMR$. (Fluorine shifts for the desired migration product in the presence of buffer was confirmed by spiking with authentic migration product, $N^1-((1S,2R)-1-(3,5-difluorobenzyl)-2-hydroxy-3-\{[3-$

(trifluoromethyl)benzyl]amino}propyl)-5-(1,3-oxazol-2-yl)-N³,N³-dipropylisophthalamide.) NMR data is collected at 0, 1, 3, 25, 48, 96, and 144 hours. The amount of N-acyl pro-drug and desired migration product present at each time point is assigned by integrating the corresponding NMR signal. No migration to O-acyl prodrug was observed using this method and was confirmed by spiking with authentic compound.

The following examples illustrate the solution acyl group migration of compounds of the formulae (I) and (X) as observed by ^{19}F NMR spectroscopy. Data were collected as described in Example 1, above.

EXAMPLE 2: Rearrangement of (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-({[1-(3-ethynylphenyl)cyclopropyl]amino}methyl)propyl 3[(dipropylamino)carbonyl]-5-(1,3-oxazol-2-yl)benzoate (22).

Tables 1-2 provide relative concentrations as a function of time and at varying pH of prodrug 22 and its rearrangement product.

Table 1. Concentrations at 40 °C, pH 7.

pH 7, 40°C			
TIME	O-acyl pro-drug	N-acyl prodrug	HEA ¹ product
(hr)	(% present)	(% present)	(% present)
O	100	Ö	0
0.5	10	0	10
1	0	0	100

HEA = the hydroxyethylamine product of the acyl group migration.

Table 2. Concentrations at 40 °C, pH 4.

pH 4, 40°C				
TIME	O-acyl pro-drug	N-acyl prodrug	HEA product	
(hr)	(% present)	(% present)	(% present)	
0	100	0	0	
0.5	93	0	7	
1	87	0	13	
3	66	0	27	
6	49	0	42	
24	9	0	78	
48	0	0	86	

EXAMPLE 3: Rearrangement of (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-({[1-(3-ethylphenyl)cyclopropyl]amino}methyl)propyl 3-[(dipropylamino)carbonyl]-5-(1,3-oxazol-2-yl)benzoate dihydrochloride (17).

Tables 3-4 provide relative concentrations as a function of time and at varying pH of prodrug 17 and its rearrangement product.

Table 3. Concentrations at 40 °C, pH 7.

pH 7 40°C				
TIME	O-acyl pro-drug	N-acyl prodrug	HEA product	
(hr)	(% present)	(% present)	(% present)	
0	100	0	0	
1.5	3	0	97	
7		0		
24		0		
48		0		
144		0		

Table 4. Concentrations at 40 °C, pH 4.

pH 4 40°C				
TIME	O-acyl pro-drug	N-acyl prodrug	HEA product	
(hr)	(% present)	(% present)	(% present)	
0	100	0	0	
1.5	53	0	47	
3	33	0	. 67	
6	11	0	89	
24	0	. 0	100	

EXAMPLE 4: Rearrangement of N^1 -[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N\(u)1\(d)-(3-ethylbenzyl)-5-(1,3-oxazol-2-yl)-N³,N³-dipropylisophthalamide hydrochloride (19).

Tables 5-6 provide relative concentrations as a function of time and at varying pH of prodrug 19 and its rearrangement product.

Table 5. Concentrations at 40 °C, pH 7.

pH 7 40°C				
TIME	O-acyl pro-drug	N-acyl prodrug	HEA product	
(hr)	(% present)	(% present)	(% present)	
0	0	100	0	
1	0	97	3	
3	0	91	9	

l	24	o	60	40
	48	0	37	63
1	96	0	19	81

Table 6. Concentrations at 40 °C, pH 4.

	pH 4 40°C			
TIME	O-acyl pro-drug	N-acyl prodrug	HEA product	
(hr)	(% present)	(% present)	(% present)	
0	0	100	0	
1	0	100	0	
3	.0	100	0	
24	0	97	3	
48	0	95	5	
96	0	92	8	

product

Tables 7-8 provide relative concentrations as a function of time and at varying pH of prodrug 20 and its rearrangement product.

Table 7. Concentrations at 40 °C, pH 7.

	pH 7 40°C				
TIME	O-acyl pro-drug	N-acyl prodrug	HEA product		
(hr)	(% present)	(% present)	(% present)		
0	0	100	0		
1	0	93	. 7		
3	0	88	12		
24	0	49	51		
48	0	27	73		
96	0	12	88		

Table 8. Concentrations at 40 °C, pH 4.

pH 4 40°C				
TIME O-acyl pro-drug N-acyl prodrug HEA product				
(hr)	(% present)	(% present)	(% present)	

0	0	100) 0
1	0	97	3
3	0	96	4
24	0	93	7
48 96	0	92	8
96	0	88	12

EXAMPLE 6: Rearrangement of (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-ethylbenzyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-(1,3-oxazol-2-yl)benzoate dihydrochloride (16).

product A

product B

Tables 9-10 provide relative concentrations as a function of time and at varying pH of prodrug **16** and its rearrangement products.

Table 9. Concentrations at 40 °C, pH 7.

pH 7 40°C			
TIME	O-acyl pro-drug	N-acyl prodrug (product A)	HEA product (product B)
(hr)	(% present)	(% present)	(% present)

0	100	0	0
1.5	0	52	48
7	0	46	54
24	0	38	62
48	0	29	71
144	0	15	85

Table 10. Concentrations at 40 °C, pH 4.

pH 4 40°C				
TIME	O-acyl pro-drug	N-acyl prodrug (product A)	HEA product (product B)	
(hr)	(% present)	(% present)	(% present)	
0	100	0	0	
1.5	33	13	54	
3	9	15	76	
24	0	12	88	
48	0	12	88	
144	0	9	91	

EXAMPLE 7: Rearrangement of (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-({[3-

(trifluoromethyl)benzyl]amino}methyl)propyl 3[(dipropylamino)carbonyl]-5-(1,3-oxazol-2-yl)benzoate
dihydrochloride (18).

Tables 11-12 provide relative concentrations as a function of time and at varying pH of prodrug 18 and its rearrangement products.

Table 11. Concentrations at 40 °C, pH 7.

	pH 7 40°C			
TIME	O-acyl pro-drug	N-acyl prodrug (product A)	HEA product (product B)	
(hr)	(% present)	(% present)	(% present)	
0	100	0	0	
1.5	0	66	34	
7	0	59	41	
24	0	43	57	
48	0	27	73	
144	0	16	84	

Table 12. Concentrations at 40 °C, pH 4.

	pH 4 40°C			
TIME	O-acyl pro-drug	N-acyl prodrug (product A)	HEA product (product B)	
(hr)	(% present)	(% present)	(% present)	
0	100	0	0	
1.5	32	14	54	
3	8	18	74	
30	0	21	79	
54	0	20	80	
126	0	14	86	

BIOLOGY EXAMPLES

Example A

Enzyme Inhibition Assay

The rearranged compounds of the invention are analyzed for inhibitory activity by use of the MBP-C125 assay. This assay determines the relative inhibition of beta-secretase cleavage of a model APP substrate, MBP-C125SW, by the compounds assayed as compared with an untreated control. A detailed description of the assay parameters can be found, for example, in U.S. Patent No. 5,942,400. Briefly, the substrate is a fusion peptide formed of maltose binding protein (MBP) and the carboxy terminal 125 amino acids of APP-SW, the Swedish mutation.

The beta-secretase enzyme is derived from human brain tissue as described in Sinha et al, 1999, Nature 40:537-540) or recombinantly produced as the full-length enzyme (amino acids 1-501), and can be prepared, for example, from 293 cells expressing the recombinant cDNA, as described in WO00/47618.

Inhibition of the enzyme is analyzed, for example, by immunoassay of the enzyme's cleavage products. exemplary ELISA uses an anti-MBP capture antibody that is deposited on precoated and blocked 96-well high binding incubation with diluted enzyme followed by reaction supernatant, incubation with a specific reporter antibody, for example, biotinylated anti-SW192 reporter with incubation further antibody, and phosphatase. the assay, In streptavidin/alkaline cleavage of the intact MBP-C125SW fusion protein results in the generation of a truncated amino-terminal fragment, exposing a new SW-192 antibody-positive epitope at the carboxy terminus. Detection is effected by a fluorescent substrate signal on cleavage by the phosphatase. ELISA at the only detects cleavage following Leu 596 substrate's APP-SW 751 mutation site.

Specific Assay Procedure:

Compounds are diluted in a 1:1 dilution series to a six-point concentration curve (two wells per concentration) in one 96-plate row per compound tested. Each of the test compounds is prepared in DMSO to make up a 10 millimolar stock solution. The stock solution is serially diluted in DMSO to obtain a final compound concentration of 200 micromolar at the high point of a 6-point dilution curve. Ten (10) microliters of each dilution is added to each of two wells on row C of a

corresponding V-bottom plate to which 190 microliters of 52 millimolar NaOAc, 7.9% DMSO, pH 4.5 are pre-added. The NaOAc diluted compound plate is spun down to pellet precipitant and 20 microliters/well is transferred to a corresponding flat-bottom plate to which 30 microliters of ice-cold enzyme-substrate mixture (2.5 microliters MBP-C125SW substrate, 0.03 microliters enzyme and 24.5 microliters ice cold 0.09% TX100 per 30 microliters) is added. The final reaction mixture of 200 micromolar compound at the highest curve point is in 5% DMSO, 20 millimolar NaOAc, 0.06% TX100, at pH 4.5.

Warming the plates to 37 degrees C starts the enzyme reaction. After 90 minutes at 37 degrees C, microliters/well cold specimen diluent is added to stop the reaction and 20 microliters/well was transferred to a corresponding anti-MBP antibody coated ELISA plate for capture, containing 80 microliters/well specimen diluent. This reaction is incubated overnight at 4 degrees C and the ELISA is developed the next day after a 2 hour incubation with anti-192SW antibody, followed Streptavidin-AP conjugate and fluorescent substrate. The signal is read on a fluorescent plate reader.

Relative compound inhibition potency is determined by calculating the concentration of compound that showed a fifty percent reduction in detected signal (IC_{50}) compared to the enzyme reaction signal in the control wells with no added compound. In this assay, preferred compounds of the invention exhibit an IC_{50} of less than 50 micromolar.

Example B

Cell Free Inhibition Assay Utilizing a Synthetic APP Substrate

A synthetic APP substrate that can be cleaved by beta-secretase and having N-terminal biotin and made fluorescent by the covalent attachment of Oregon green at the Cys residue is used to assay beta-secretase activity in the presence or absence of the inhibitory compounds of the invention. Useful substrates include the following:

Biotin-SEVNL-DAEFRC[oregon green] KK [SEQ ID

NO: 1]

Biotin-SEVKM-DAEFRC[oregon green]KK [SEQ ID

NO: 2

Biotin-GLNIKTEEISEISY-EVEFRC[oregon green] KK [SEQ ID
NO: 3]

Biotin-ADRGLTTRPGSGLTNIKTEEISEVNL-DAEFRC[oregon green] KK [SEQ ID NO:4]

Biotin-FVNQHLCoxGSHLVEALY-LVCoxGERGFFYTPKAC[oregon green] KK [SEQ ID NO: 5]

The enzyme (0.1 nanomolar) and test compounds (0.001 100 micromolar) are incubated in pre-blocked, low affinity, black plates (384 well) at 37 degrees for 30 minutes. The reaction is initiated by addition of 150 millimolar substrate to a final volume of 30 microliter The final assay conditions are: 0.001 - 100 per well. micromolar compound inhibitor; 0.1 molar sodium acetate (pH 4.5); 150 nanomolar substrate; 0.1 nanomolar soluble beta-secretase; 0.001% Tween 20, and 2% DMSO. The assay mixture is incubated for 3 hours at 37 degrees C, and the reaction is terminated by the addition of a saturating immunopure streptavidin. concentration of incubation with streptavidin at room temperature for 15 minutes, fluorescence polarization is measured, example, using a LJL Acqurest (Ex485 nm/ Em530 nm). activity of the beta-secretase enzyme is detected by

changes in the fluorescence polarization that occur when the substrate is cleaved by the enzyme. Incubation in presence absence orof compound inhibitor demonstrates specific inhibition of beta-secretase enzymatic cleavage of its synthetic APP substrate. this assay, preferred compounds of the invention exhibit an IC_{50} of less than 50 micromolar.

Example C

7].

Beta-Secretase Inhibition: P26-P4'SW Assay

Synthetic substrates containing the beta-secretase cleavage site of APP are used to assay beta-secretase activity, using the methods described, for example, in published PCT application WO00/47618. The P26-P4'SW substrate is a peptide of the sequence:

(biotin) CGGADRGLTTRPGSGLTNIKTEEISEVNLDAEF [SEQ ID NO: 6]

The P26-P1 standard has the sequence:

(biotin) CGGADRGLTTRPGSGLTNIKTEEISEVNL [SEQ ID NO:

Briefly, the biotin-coupled synthetic substrates are incubated at a concentration of from about 0 to about 200 micromolar in this assay. When testing inhibitory compounds, substrate concentration a of about micromolar is preferred. Test compounds diluted in DMSO are added to the reaction mixture, with a final DMSO concentration of 5%. Controls also contain a final DMSO concentration of 5%. The concentration of beta secretase enzyme in the reaction is varied, to give product concentrations with the linear range of the ELISA assay, about 125 to 2000 picomolar, after dilution.

The reaction mixture also includes 20 millimolar sodium acetate, pH 4.5, 0.06% Triton X100, and is

incubated at 37 degrees C for about 1 to 3 hours. Samples are then diluted in assay buffer (for example, 145.4 nanomolar sodium chloride, 9.51 millimolar sodium phosphate, 7.7 millimolar sodium azide, 0.05% Triton X405, 6g/liter bovine serum albumin, pH 7.4) to quench the reaction, then diluted further for immunoassay of the cleavage products.

Cleavage products can be assayed by ELISA. and standards are incubated in assay plates coated with capture antibody, for example, SW192, for about 24 hours at 4 degrees C. After washing in TTBS buffer (150 millimolar sodium chloride, 25 millimolar Tris, 0.05% Tween 20, pH 7.5), the samples are incubated with streptavidin-AP according to the manufacturer's After a one hour incubation at instructions. temperature, the samples are washed in TTBS and incubated with fluorescent substrate solution A (31.2 g/liter 2рН 30 mg/liter, amino-2-methyl-1-propanol, Reaction with streptavidin-alkaline phosphate permits detection by fluorescence. Compounds that are effective inhibitors of beta-secretase activity demonstrate reduced cleavage of the substrate as compared to a control.

Example D

Assays using Synthetic Oligopeptide-Substrates

Synthetic oligopeptides are prepared that incorporate the known cleavage site of beta-secretase, and optionally detectable tags, such as fluorescent or chromogenic moieties. Examples of such peptides, as well as their production and detection methods are described in U.S. Patent No: 5,942,400, herein incorporated by reference. Cleavage products can be detected using high performance liquid chromatography, or fluorescent or

chromogenic detection methods appropriate to the peptide to be detected, according to methods well known in the art.

By way of example, one such peptide has the sequence SEVNL-DAEF [SEQ ID NO: 8], and the cleavage site is between residues 5 and 6. Another preferred substrate has the sequence ADRGLTTRPGSGLTNIKTEEISEVNL-DAEF [SEQ ID NO: 9], and the cleavage site is between residues 26 and 27.

These synthetic APP substrates are incubated in the presence of beta-secretase under conditions sufficient to result in beta-secretase mediated cleavage of the substrate. Comparison of the cleavage results in the presence of the compound inhibitor to control results provides a measure of the compound's inhibitory activity.

Example E

Inhibition of Beta-Secretase Activity - Cellular Assay

An exemplary assay for the analysis of inhibition of beta-secretase activity utilizes the human embryonic kidney cell line HEKp293 (ATCC Accession No. CRL-1573) transfected with APP751 containing the naturally occurring double mutation Lys651Met52 to Asn651Leu652 (numbered for APP751), commonly called the Swedish mutation and shown to overproduce A beta (Citron et al., 1992, Nature 360:672-674), as described in U.S. Patent No. 5,604,102.

The cells are incubated in the presence/absence of the inhibitory compound (diluted in DMSO) at the desired concentration, generally up to 10 micrograms/ml. At the end of the treatment period, conditioned media is analyzed for beta-secretase activity, for example, by

analysis of cleavage fragments. A beta can be analyzed by immunoassay, using specific detection antibodies. The enzymatic activity is measured in the presence and absence of the compound inhibitors to demonstrate specific inhibition of beta-secretase mediated cleavage of APP substrate.

Example F

Inhibition of Beta-Secretase in Animal Models of AD

Various animal models can be used to screen for inhibition of beta-secretase activity. Examples of animal models useful in the invention include, but are not limited to, mouse, guinea pig, dog, and the like. The animals used can be wild type, transgenic, or knockout models. In addition, mammalian models can express mutations in APP, such as APP695-SW and the like described herein. Examples of transgenic non-human mammalian models are described in U.S. Patent Nos. 5,604,102, 5,912,410 and 5,811,633.

PDAPP mice, prepared as described in Games et al., 1995, Nature 373:523-527 are useful to analyze in vivo suppression of A beta release in the presence of putative inhibitory compounds. As described in U.S. Patent No. 6,191,166, 4 month old PDAPP mice are administered compound formulated in vehicle, such as corn oil. The mice are dosed with compound (1-30 mg/ml; preferably 1-10 mg/ml). After time, e.g., 3-10 hours, the animals are sacrificed, and brains removed for analysis.

Transgenic animals are administered an amount of the compound inhibitor formulated in a carrier suitable for the chosen mode of administration. Control animals are untreated, treated with vehicle, or treated with an inactive compound. Administration can be acute, i.e.,

single dose or multiple doses in one day, or can be chronic, i.e., dosing is repeated daily for a period of days. Beginning at time 0, brain tissue or cerebral fluid is obtained from selected animals and analyzed for the presence of APP cleavage peptides, including A beta, for example, by immunoassay using specific antibodies for A beta detection. At the end of the test period, animals are sacrificed and brain tissue or cerebral fluid is analyzed for the presence of A beta and/or beta-amyloid plaques. The tissue is also analyzed for necrosis.

Animals administered the compound inhibitors of the invention are expected to demonstrate reduced A beta in brain tissues or cerebral fluids and reduced beta amyloid plaques in brain tissue, as compared with non-treated controls.

Example G

Inhibition of A Beta Production in Human Patients

Patients suffering from Alzheimer's Disease (AD) demonstrate an increased amount of A beta in the brain. AD patients are administered an amount of the compound inhibitor formulated in a carrier suitable for the chosen mode of administration. Administration is repeated daily for the duration of the test period. Beginning on day 0, cognitive and memory tests are performed, for example, once per month.

Patients administered the compound inhibitors are expected to demonstrate slowing or stabilization of disease progression as analyzed by changes in one or more of the following disease parameters: A beta present in CSF or plasma; brain or hippocampal volume; A beta deposits in the brain; amyloid plaque in the brain; and

scores for cognitive and memory function, as compared with control, non-treated patients.

Example H

Prevention of A Beta Production in Patients at Risk for AD

Patients predisposed or at risk for developing AD are identified either by recognition of a familial inheritance pattern, for example, presence of the Swedish Mutation, and/or by monitoring diagnostic parameters. Patients identified as predisposed or at risk for developing AD are administered an amount of the compound inhibitor formulated in a carrier suitable for the chosen mode of administration. Administration is repeated daily for the duration of the test period. Beginning on day 0, cognitive and memory tests are performed, for example, once per month.

Patients administered the compound inhibitors are expected to demonstrate slowing or stabilization of disease progression as analyzed by changes in one or more of the following disease parameters: A beta present in CSF or plasma; brain or hippocampal volume; amyloid plaque in the brain; and scores for cognitive and memory function, as compared with control, non-treated patients.

The invention has been described with reference to various specific and preferred embodiments and techniques. However, it should be understood that many variations and modifications may be made while remaining within the spirit and scope of the invention.

SCHEME A

$$\begin{array}{c} H_2N \longrightarrow CO_2H \\ R_1 \\ (A) \end{array} \longrightarrow \begin{array}{c} H \longrightarrow CO_2H \\ R_1 \\ (A) \end{array} \longrightarrow \begin{array}{c} H \longrightarrow CO_2H \\ R_1 \\ R_2 \\ R_3 \end{array} \longrightarrow \begin{array}{c} PROT \longrightarrow \begin{array}{c} H \longrightarrow CO_2H \\ R_1 \\ R_2 \\ R_3 \end{array} \longrightarrow \begin{array}{c} PROT \longrightarrow \begin{array}{c} H \longrightarrow CO_2H \\ R_1 \\ R_2 \\ R_3 \end{array} \longrightarrow \begin{array}{c} PROT \longrightarrow \begin{array}{c} H \longrightarrow CO_2H \\ R_1 \\ R_2 \\ R_3 \end{array} \longrightarrow \begin{array}{c} PROT \longrightarrow \begin{array}{c} H \longrightarrow CO_2H \\ R_1 \\ R_2 \\ R_3 \end{array} \longrightarrow \begin{array}{c} PROT \longrightarrow \begin{array}{c} H \longrightarrow CO_2H \\ R_1 \\ R_2 \\ R_3 \end{array} \longrightarrow \begin{array}{c} PROT \longrightarrow \begin{array}{c} H \longrightarrow CO_2H \\ R_1 \\ R_2 \\ R_3 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\longrightarrow CO_2H \\$$

SCHEME B

SCHEME C

PROT
$$R_3$$

PROT R_3

PROT R_3

(V)

 R_1
 R_2
 R_3

(VIII)

PROT R_1
 R_2
 R_3

(VIII)

PROT R_1
 R_2
 R_3

(XIII)

(XIII)

SCHEME D

SCHEME E

 $(XXI) = (X_3-O-)_2PO-CH(NH-PROTECTING GROUP)-CO-R_1$

The invention has been described with reference to various specific and preferred embodiments and techniques. However, it should be understood that many variations and modifications may be made while remaining within the spirit and scope of the invention.

What is claimed is:

1. A compound of formula:

$$\begin{array}{c|c} & OR_N & R_N \\ & & N \\ & & R_1 \\ & & R_2 \\ & & R_3 \end{array}$$

wherein

> n₆ is 0, 1, 2, or 3; n₇ is 0, 1, 2, or 3;

 R_{4-2} and R_{4-3} are independently H, C_1 - C_3 alkyl, or C_3 - C_6 cycloalkyl;

 $R_{4\text{-}4}$ is alkyl, arylalkyl, alkanoyl, or arylalkanoyl; $R_{4\text{-}6} \text{ is-H or } C_1\text{-}C_6 \text{ alkyl};$

- R_5 is selected from the group consisting of C_3 - C_7 cycloalkyl; C1-C6 alkyl optionally substituted with 1, 2, or 3 groups that are independently halogen, $-NR_6R_7$, C1-C4 alkoxy, heterocycloalkyl, C5-C6 heteroaryl, C6-C10 aryl, C_3-C_7 cycloalkyl C_1-C_4 alkyl, $-S-C_1-C_4$ alkyl, $-SO_2-C_1-C_4$ alkyl, $-CO_2H$, $-CONR_6R_7$, $-CO_2-C_1-C_4$ alkyl, C_6-C_{10} aryloxy; heteroaryl optionally substituted with 1, 2, or 3 groups that are independently C₁-C₄ alkyl, C₁-C₄ alkoxy, halogen, haloalkyl, orOH; heterocycloalkyl $C_1 - C_4$ optionally substituted with 1, 2, or 3 groups that are independently C₁-C₄ alkyl, C₁-C₄ alkoxy, halogen, or C2-C4 alkanoyl; aryl optionally substituted with 1, 2, 3, or 4 groups that are independently halogen, OH, C_1-C_4 alkyl, C_1-C_4 alkoxy, or C₁-C₄ haloalkyl; and -NR₆R₇; wherein R_{6} and R_{7} are independently selected from the group consisting of H, C1-C6 alkyl, C2-C6 alkanoyl, phenyl, -SO₂-C₁-C₄ alkyl, phenyl C_1-C_4 alkyl;
- R₈ is selected from the group consisting of $-SO_2$ -heteroaryl, $-SO_2$ -aryl, $-SO_2$ -heterocycloalkyl, $-SO_2-C_1-C_{10} \quad \text{alkyl}, \quad -C\left(O\right) \text{NHR}_9, \quad \text{heterocycloalkyl},$ $-S-C_1-C_6 \quad \text{alkyl}, \quad -S-C_2-C_4 \quad \text{alkanoyl}, \quad \text{wherein}$ $\qquad \qquad \text{R}_9 \quad \text{is aryl} \quad C_1-C_4 \quad \text{alkyl}, \quad C_1-C_6 \quad \text{alkyl}, \quad \text{or H};$ $\qquad \text{R}_{50} \quad \text{is H or C}_1-C_6 \quad \text{alkyl};$
- R_{51} is selected from the group consisting of aryl C_1 C_4 alkyl; C_1 - C_6 alkyl optionally substituted

with 1, 2, or 3 groups that are independently halogen, cyano, heteroaryl, -NR₆R₇, -C(O)NR₆R₇, -C1-C4 alkoxy; C3-C7 cycloalkyl, or heterocycloalkyl optionally substituted with 1 or 2 groups that are independently C₁-C₄ alkyl, C_1-C_4 alkoxy, halogen, C_2-C_4 alkanoyl, aryl C_1-C_4 alkyl, and -SO₂ C₁-C₄ alkyl; alkenyl; alkynyl; heteroaryl optionally substituted with 1, 2, or 3 groups that are independently OH, C_1 - C_4 alkyl, C_1-C_4 alkoxy, halogen, NH_2 , $NH(C_1-C_6$ alkyl) or $N(C_1-C_6 \text{ alkyl})(C_1-C_6 \text{ alkyl});$ heteroarylalkyl optionally substituted with 1, 2, or 3 groups that are independently C_1-C_4 alkyl, C_1-C_4 alkoxy, $NH(C_1-C_6 \quad alkyl)$ $N(C_1-C_6)$ halogen, NH_2 , oralkyl)(C1-C6 alkyl); aryl; heterocycloalkyl; C3-C_B cycloalkyl; and cycloalkylalkyl; wherein the aryl; heterocycloalkyl, C3-C8 cycloalkyl, optionally cycloalkylalkyl groups are substituted with 1, 2, 3, 4 or 5 groups that are independently halogen, CN, NO_2 , C_1 - C_6 alkyl, C_1-C_6 alkoxy, C_2-C_6 alkanoyl, C_1-C_6 haloalkyl, C_1-C_6 C_6 haloalkoxy, hydroxy, C_1 - C_6 hydroxyalkyl, C_1 - C_6 alkoxy C_1 - C_6 alkyl, C_1 - C_6 thioalkoxy, thioalkoxy C_1 - C_6 alkyl, or C_1 - C_6 alkoxy C_1 - C_6 alkoxy;

is heterocycloalkyl, heteroaryl, aryl, cycloalkyl, $-S(O)_{0-2}-C_1-C_6$ alkyl, CO_2H , $-C(O)NH_2$, -C(O)NH(alkyl), -C(O)N(alkyl)(alkyl), $-CO_2-alkyl$, $-NHS(O)_{0-2}-C_1-C_6$ alkyl, $-N(alkyl)S(O)_{0-2}-C_1-C_6$ alkyl, $-S(O)_{0-2}-heteroaryl$, $-S(O)_{0-2}-aryl$, -NH(arylalkyl), -N(alkyl)(arylalkyl), thioalkoxy, or alkoxy, each of which is optionally substituted with 1, 2, 3, 4, or 5

groups that are independently alkyl, alkoxy, thioalkoxy, halogen, haloalkyl, haloalkoxy, alkanoyl, NO_2 , CN, alkoxycarbonyl, or aminocarbonyl;

- R₅₃ is absent, -O-, -C(O)-, -NH-, -N(alkyl)-, -NH- $S(O)_{0-2}-, -N(alkyl)-S(O)_{0-2}-, -S(O)_{0-2}-NH-,$
- R₅₄ is heteroaryl, aryl, arylalkyl, heterocycloalkyl, CO₂H, -CO₂-alkyl, -C(O)NH(alkyl), -C(O)N(alkyl) (alkyl), -C(O)NH₂, C₁-C₈ alkyl, OH, aryloxy, alkoxy, arylalkoxy, NH₂, NH(alkyl), N(alkyl) (alkyl), or -C₁-C₆ alkyl-CO₂-C₁-C₆ alkyl, each of which is optionally substituted with 1, 2, 3, 4, or 5 groups that are independently alkyl, alkoxy, CO₂H, -CO₂-alkyl, thioalkoxy, halogen, haloalkyl, haloalkoxy, hydroxyalkyl, alkanoyl, NO₂, CN, alkoxycarbonyl, or aminocarbonyl;
- is selected from the group consisting of $-C_1-C_6$ alkylidenyl optionally optionally substituted with 1, 2, or 3 methyl groups; and $-NR_{4-6}-$; or R_4 and R_{4-6} combine to form $-(CH_2)_{n10}-$, wherein n_{10} is 1, 2, 3, or 4;
- Z is selected from the group consisting of a bond; SO_2 ; SO_2 ; SO_3 ; and C(O);
- Y is selected from the group consisting of H; C₁-C₄ haloalkyl; C₅-C₆ heterocycloalkyl; C₆-C₁₀ aryl; OH; -N(Y₁)(Y₂); C₁-C₁₀ alkyl optionally substituted with 1 thru 3 substituents which can be the same or different and are selected from the group consisting of halogen, hydroxy, alkoxy, thioalkoxy, and haloalkoxy; C₃-C₈ cycloalkyl optionally substituted with 1, 2, or 3 groups independently selected from C₁-C₃ alkyl, and halogen; alkoxy; aryl optionally

substituted with halogen, alkyl, alkoxy, CN or NO_2 ; arylalkyl optionally substituted with halogen, alkyl, alkoxy, CN or NO_2 ; wherein

- Y₁ and Y₂ are the same or different and are H; C₁-C₁₀ alkyl optionally substituted with 1, 2, or 3 substituents selected from the group consisting of halogen, C₁-C₄ alkoxy, C₃-C₈ cycloalkyl, and OH; C₂-C₆ alkenyl; C₂-C₆ alkanoyl; phenyl; -SO₂-C₁-C₄ alkyl; phenyl C₁-C₄ alkyl; or C₃-C₈ cycloalkyl C₁-C₄ alkyl; or
- Y₁, Y₂ and the nitrogen to which they are attached form a ring selected from the group consisting of piperazinyl, piperidinyl, morpholinyl, and pyrolidinyl, wherein each ring is optionally substituted with 1, 2, 3, or 4 groups that are independently C₁-C₆ alkyl, C₁-C₆ alkoxy, C₁-C₆ alkoxy, C₁-C₆ alkyl, or halogen;
- R_1 is $-(CH_2)_{1-2}-S(O)_{0-2}-(C_1-C_6 \text{ alkyl})$, or
 - C_1 - C_{10} alkyl optionally substituted with 1, 2, or 3 groups independently selected from halogen, OH, =0, -SH, -C=N, -CF₃, -C₁-C₃ alkoxy, amino, monoor dialkylamino, -N(R)C(O)R'-, -OC(=O)-amino and -OC(=O)-mono- or dialkylamino, or
 - C_2 - C_6 alkenyl or C_2 - C_6 alkynyl, each of which is optionally substituted with 1, 2, or 3 groups independently selected from halogen, -OH, -SH, -C \equiv N, -CF₃, C_1 - C_3 alkoxy, amino, and mono- or dialkylamino, or
 - aryl, heteroaryl, heterocyclyl, $-C_1-C_6$ alkyl-aryl, $-C_1-C_6$ alkyl-heteroaryl, or $-C_1-C_6$ alkyl-heterocyclyl, where the ring portions of each are optionally substituted with 1, 2, 3, or 4 groups independently selected from halogen,

-OH, -SH, -C \equiv N, -NR₁₀₅R'₁₀₅, -CO₂R, -N(R)COR', or -N(R)SO₂R', -C(\equiv O)-(C₁-C₄) alkyl, -SO₂-amino, -SO₂-mono or dialkylamino, -C(\equiv O)-amino, -C(\equiv O)-mono or dialkylamino, -SO₂-(C₁-C₄) alkyl, or -C₁-C₆ alkoxy optionally substituted with 1, 2, or 3 groups which are independently a halogen, or

- C₃-C₇ cycloalkyl optionally substituted with 1,
 2, or 3 groups independently selected from
 halogen, -OH, -SH, -C≡N, -CF₃, C₁-C₃
 alkoxy, amino, -C₁-C₆ alkyl and mono- or
 dialkylamino, or
- C_1-C_{10} alkyl optionally substituted with 1, 2, or 3 groups independently selected from halogen, -OH, -SH, -C \equiv N, -CF $_3$, -C $_1$ -C $_3$ alkoxy, amino, mono- or dialkylamino and -C $_1$ -C $_3$ alkyl, or
- C_2-C_{10} alkenyl or C_2-C_{10} alkynyl each of which is optionally substituted with 1, 2, or 3 groups independently selected from halogen, -OH, -SH, -C \equiv N, -CF $_3$, C_1-C_3 alkoxy, amino, C_1-C_6 alkyl and mono- or dialkylamino; and
- the heterocyclyl group is optionally further substituted with oxo;

 R_2 is selected from the group consisting of H; $C_1\text{-}C_6$ alkyl, optionally substituted with 1, 2, or 3 substituents that are independently selected from

R and R' independently are hydrogen or C1-C10 alkyl;

-SH, -C \equiv N, -CF₃, C₁-C₃ alkoxy, and -NR_{1-a}R_{1-b}; wherein R_{1-a} and R_{1-b} are -H or C₁-C₆ alkyl;

the group consisting of C₁-C₃ alkyl, halogen, -OH,

- -(CH₂)₀₋₄-aryl; -(CH₂)₀₋₄-heteroaryl; C₂-C₆ alkenyl; C₂-C₆ alkynyl; -CONR_{N-2}R_{N-3}; -SO₂NR_{N-2}R_{N-3}; -CO₂H; and -CO₂-(C₁-C₄ alkyl);
- R_3 is selected from the group consisting of H; $C_1\text{-}C_6$ alkyl, optionally substituted with 1, 2, or 3 substituents independently selected from the group consisting of $C_1\text{-}C_3$ alkyl, halogen, -OH, -SH, -C \equiv N, -CF $_3$, $C_1\text{-}C_3$ alkoxy, and -NR $_1\text{-}aR_1\text{-}b$; -(CH $_2$) $_0\text{-}4\text{-}aryl$; -(CH $_2$) $_0\text{-}4\text{-}heteroaryl$; $C_2\text{-}C_6$ alkenyl; $C_2\text{-}C_6$ alkynyl; -CO-NR $_{N-2}R_{N-3}$; -SO $_2\text{-}NR_{N-2}R_{N-3}$; -CO $_2\text{H}$; and CO-O-(C $_1\text{-}C_4$ alkyl); or
- R_2 , R_3 and the carbon to which they are attached form a carbocycle of three thru seven carbon atoms, wherein one carbon atom is optionally replaced by a group selected from-O-, -S-, -SO₂-, or -NR_{N-2}-;
- R_{C} is selected from the group consisting of C_{1} - C_{10} alkyl optionally substituted with 1, 2, or 3 groups independently selected from the group consisting of R_{205} , $-OC=ONR_{235}R_{240}$, $-S(=O)_{0-2}(C_1-C_6 \text{ alkyl})$, -SH, $-NR_{235}C = ONR_{235}R_{240}, \quad -C = ONR_{235}R_{240}, \quad and \quad -S \; (=O) \; _2NR_{235}R_{240};$ $-(CH_2)_{0-3}-(C_3-C_8)$ cycloalkyl wherein the cycloalkyl is optionally substituted with 1, 2, or 3 groups independently selected from the group consisting of R_{205} , $-CO_2H$, and $-CO_2-(C_1-C_4 \text{ alkyl})$; $-(CR_{245}R_{250})_{0-4}-\text{aryl}$; - $(CR_{245}R_{250})_{0-4}$ -heteroaryl; - $(CR_{245}R_{250})_{0-4}$ heterocycloalkyl; -(CR₂₄₅R₂₅₀)₀₋₄-aryl-heteroaryl; - $(CR_{245}R_{250})_{0-4}$ -aryl-heterocycloalkyl; - $(CR_{245}R_{250})_{0-4}$ $aryl-aryl; -(CR_{245}R_{250})_{0-4}-heteroaryl-aryl; -(CR_{245}R_{250})_{0-4}$ 4-heteroaryl-heterocycloalkyl; -(CR245R250)0-4heteroaryl-heteroaryl; - (CR₂₄₅R₂₅₀)₀₋₄heterocycloalkyl-heteroaryl; - $(CR_{245}R_{250})_{0-4}$ heterocycloalkyl-heterocycloalkyl; -(CR245R250)0-4-

heterocycloalkyl-aryl; $-[C(R_{255})(R_{260})]_{1-3}-CO-N-(R_{255})_2;$ -CH(aryl)₂; -CH(heteroaryl)₂; -CH(heterocycloalkyl)₂; -CH(aryl) (heteroaryl); cyclopentyl, cyclohexyl, or cycloheptyl ring fused to aryl, heteroaryl, or heterocycloalkyl wherein one carbon of the cyclopentyl, cyclohexyl, or cycloheptyl is optionally replaced with NH, NR_{215} , O, or $S(=0)_{0-2}$, and wherein the cyclopentyl, cyclohexyl, or cycloheptyl group can be optionally substituted with 1 or 2 groups that are independently R_{205} or =0; -CO- $NR_{235}R_{240}$; $-SO_2-(C_1-C_4 \text{ alkyl})$; $C_2-C_{10} \text{ alkenyl optionally}$ substituted with 1, 2, or 3 R₂₀₅ groups; C₂-C₁₀ alkynyl optionally substituted with 1, 2, or 3 R_{205} groups; $-(CH_2)_{0-1}-CH((CH_2)_{0-6}-OH)-(CH_2)_{0-1}-aryl; -(CH_2)_{0-1}$ 1-CHR_{C-6}-(CH₂)₀₋₁-heteroaryl; -CH(-aryl or -heteroaryl) -CO-O(C_1 - C_4 alkyl); -CH(-CH₂-OH) -CH(OH) phenyl-NO₂; $(C_1-C_6 \text{ alkyl})-O-(C_1-C_6 \text{ alkyl})-OH$; $-CH_2-NH CH_2-CH(-O-CH_2-CH_3)_2$; -H; and -(CH_2)₀₋₆- $C(=NR_{235})(NR_{235}R_{240});$ wherein each aryl is optionally substituted with 1, 2, or 3 R₂₀₀; each heteroaryl is optionally substituted with 1, 2, 3, or 4 R_{200} ; each heterocycloalkyl is optionally substituted with 1, 2, 3, or 4 R_{210} ; at each occurrence is independently selected R_{200} from the group consisting of C1-C6 optionally substituted with 1, 2, or 3 R_{205}

- $(CH_2)_{0-4}$ -CO-heteroaryl; - $(CH_2)_{0-4}$ -CO-

groups; OH; -NO₂; halogen; -CO₂H; C \equiv N; -(CH₂)₀₋₄-CO-NR₂₂₀R₂₂₅; -(CH₂)₀₋₄-CO-(C₁-C₁₂ alkyl); -(CH₂)₀₋₄-CO-(C₂-C₁₂ alkenyl); -(CH₂)₀₋₄-CO-(C₂-C₁₂ alkynyl); -(CH₂)₀₋₄-CO-(C₃-C₇ cycloalkyl); -(CH₂)₀₋₄-CO-aryl;

heterocycloalkyl; - $(CH_2)_{0-4}$ - CO_2R_{215} ; - $(CH_2)_{0-4}$ - SO_2 - $NR_{220}R_{225}$; - (CH₂)₀₋₄-SO-(C₁-C₈ alkyl); - (CH₂)₀₋₄-SO₂- $(C_1-C_{12} \text{ alkyl}); -(CH_2)_{0-4}-SO_2-(C_3-C_7 \text{ cycloalkyl}); (CH_2)_{0-4}-N(H \text{ or } R_{215})-CO_2R_{215};$ $-(CH_2)_{0-4}-N(H \text{ or }$ R_{215}) -CO-N(R_{215})₂; -(CH₂)₀₋₄-N-CS-N(R_{215})₂; -(CH₂)₀₋₄- $N(-H \text{ or } R_{215}) - CO - R_{220}; - (CH_2)_{0-4} - NR_{220}R_{225}; - (CH_2)_{0-4} -$ -(CH₂)₀₋₄-O-P(O)-(OR₂₄₀)₂;O-CO-(C1-C6 alkyl); $-(CH_2)_{0-4}-O-CO-N(R_{215})_2;$ $-(CH_2)_{0-4}-O-CS-N(R_{215})_2;$ - $(CH_2)_{0-4}-O-(R_{215})_2$; $-(CH_2)_{0-4}-O-(R_{215})_2-COOH$; $-(CH_2)_{0-4}-O-(R_{215})_2$ $_{4}-S-(R_{215})_{2};$ $-(CH_{2})_{0-4}-O-(C_{1}-C_{6}$ alkyl optionally substituted with 1, 2, 3, or 5 -F); C_3-C_7 cycloalkyl; C_2 - C_6 alkenyl optionally substituted with 1 or 2 R_{205} groups; C_2 - C_6 alkynyl optionally substituted with 1 or 2 R_{205} groups; -(CH₂)₀₋₄-N(H or R_{215}) $-SO_2-R_{220}$; and $-(CH_2)_{0-4}-C_3-C_7$ cycloalkyl; wherein each aryl group at each occurrence is optionally substituted with 1, 2, or 3 groups that are independently $R_{205},\ R_{210}$ or C_1-C_6 alkyl substituted with 1, 2, or 3 groups that are independently R_{205} or R_{210} ; wherein each heterocycloalkyl group at each occurrence is optionally substituted with 1, 2, or 3 groups that are independently

wherein each heteroaryl group at each occurrence is optionally substituted with 1, 2, or 3 groups that are independently R_{205} , R_{210} , or C_1 - C_6 alkyl substituted with 1, 2, or 3 groups that are independently R_{205} or R_{210} ;

 R_{205} at each occurrence is independently selected from the group consisting of C_1 - C_6 alkyl, halogen, -OH, -O-phenyl, -SH, -C \equiv N, -CF₃, C_1 - C_6

R210;

alkoxy, NH_2 , $NH(C_1-C_6$ alkyl), and $N-(C_1-C_6$ alkyl) $(C_1-C_6$ alkyl);

 R_{215} at each occurrence is independently selected from the group consisting of $C_1\text{-}C_6$ alkyl, - $(CH_2)_{0-2}$ -(aryl), C_2 - C_6 alkenyl, C_2 - C_6 alkynyl, C_3 cycloalkyl, and $-(CH_2)_{0-2}-(heteroaryl)$, - $(CH_2)_{0-2}$ - (heterocycloalkyl); wherein the aryl at each occurrence is optionally substituted with 1, 2, or 3 groups that are independently R₂₀₅ or R_{210} ; wherein the heterocycloalkyl group at each occurrence is optionally substituted with 1, 2, or 3 R_{210} ; wherein each heteroaryl group occurrence is optionally substituted with 1, 2, or 3 R_{210} ;

 R_{220} and R_{225} at each occurrence are independently selected from the group consisting of -H, -C₁-C₆ alkyl, hydroxy C₁-C₆ alkyl, amino C₁-C₆ alkyl; halo C₁-C₆ alkyl; -C₃-C₇ cycloalkyl, -(C₁-C₂ alkyl)-(C₃-C₇ cycloalkyl), -(C₁-C₆ alkyl)-O-(C₁-C₃ alkyl), -C₂-C₆ alkenyl, -C₂-C₆ alkynyl, -C₁-C₆ alkyl chain with one double bond and one triple

bond, -aryl, -heteroaryl, and -heterocycloalkyl; wherein the aryl group at each occurrence is optionally substituted with 1, 2, or 3 $R_{\rm 270}$ groups, wherein

at each occurrence is independently $R_{205},\ C_1\text{-}C_6$ alkyl optionally substituted with 1, 2, or 3 R_{205} groups; $C_2\text{-}C_6$ alkenyl optionally substituted with 1, 2, or 3 R_{205} groups; $C_2\text{-}C_6$ alkynyl optionally substituted with 1, 2, or 3 R_{205} groups; halogen; C_1 - C_6 alkoxy; C_1 - C_6 haloalkoxy; $NR_{235}R_{240}$; OH; C=N; C₃-C₇ cycloalkyl optionally substituted with 1, 2, or 3 R_{205} groups; -CO-(C_1 - C_4 alkyl); $_1SO_2-NR_{235}R_{240}$; $_2CO-NR_{235}R_{240}$; $_2SO_2-(C_1-C_4)$ alkyl); and =0; wherein the heterocycloalkyl optionally each occurrence is at group substituted with 1, 2, or 3 R₂₀₅ groups; wherein each heteroaryl group at each occurrence is optionally substituted with 1, 2, or 3 R_{205} groups;

 R_{235} and R_{240} at each occurrence are independently H, or $C_1\text{-}C_6$ alkyl;

 R_{245} and R_{250} at each occurrence are independently selected from the group consisting of H, C_1 - C_4 alkyl, C_1 - C_4 hydroxyalkyl, C_1 - C_4 alkoxy, C_1 - C_4 haloalkoxy, $-(CH_2)_{0-4}$ - C_3 - C_7 cycloalkyl, C_2 - C_6 alkenyl, C_2 - C_6 alkynyl, aryl C_1 - C_4 alkyl, heteroaryl C_1 - C_4 alkyl, and phenyl; or

 R_{245} and R_{250} are taken together with the carbon to which they are attached to form a carbocycle of 3, 4, 5, 6, or 7 carbon atoms, optionally where one carbon atom is replaced by a heteroatom selected from the group consisting of -O-, -S-, -SO₂-, and -NR₂₂₀-;

 R_{255} and R_{260} at each occurrence are independently selected from the group consisting of H; C1-C6 alkyl optionally substituted with 1, 2, or 3 R₂₀₅ groups; C₂-C₆ alkenyl optionally substituted with 1, 2, or 3 R_{205} groups; C_2 - C_6 alkynyl optionally substituted with 1, 2, or 3 R₂₀₅ groups; $-(CH_2)_{1-2}-S(O)_{0-2}-(C_1-C_6 \text{ alkyl}); -(CH_2)_{0-4}-$ C₃-C₇ cycloalkyl optionally substituted with 1, 2, or 3 R_{205} groups; -(C_1 - C_4 alkyl)-aryl; -(C_1 - C_4 alkyl)-heteroaryl; - (C₁-C₄ alkyl) heterocycloalkyl; -aryl; -heteroaryl; -heterocycloalkyl; $-(CH_2)_{1-4}-R_{265}-(CH_2)_{0-4}-aryl;$ $-(CH_2)_{1-4}-R_{265}-(CH_2)_{0-4}-heteroaryl;$ and; $-(CH_2)_{1-4} R_{265}$ -(CH₂)₀₋₄-heterocycloalkyl; wherein R_{265} at each occurrence is independently -O-, -S- or -N(C_1 - C_6 alkyl)-; each aryl or phenyl is optionally substituted 1, 2, or 3 groups that independently R_{205} , R_{210} , or C_1 - C_6 alkyl substituted with 1, 2, or 3 groups that are independently R_{205} or R_{210} ; each heteroaryl is optionally substituted with

each heteroaryl is optionally substituted with 1, 2, 3, or 4 R_{200} , each heterocycloalkyl is optionally substituted with 1, 2, 3, or 4 R_{210} ;

 R_{100} and R'_{100} independently represent aryl, heteroaryl, heterocyclyl, -aryl-W-aryl, -aryl-W-heteroaryl, -heteroaryl-W-aryl, -aryl-W-heterocyclyl, heteroaryl-W-heteroaryl, -heteroaryl-Wheterocyclyl, -heterocyclyl-W-aryl, -heterocyclyl-Wheteroaryl, -heterocyclyl-W-heterocyclyl, -CH[(CH_2)₀. $_{2}$ -O-R₁₅₀] - (CH₂)₀₋₂-aryl, $-CH[(CH_2)_{0-2}-O-R_{150}]-(CH_2)_{0-2}$ heterocyclyl or $-CH[(CH_2)_{0-2}-O-R_{150}]-(CH_2)_{0-2}$ heteroaryl, where the ring portions of each are

optionally substituted with 1, 2, or 3 groups independently selected from

-OR, $-NO_2$, C_1-C_6 alkyl, halogen, $-C\cong N$, $-OCF_3$, $-CF_3$, - $(CH_2)_{0-4}-O-P(=O)(OR)(OR')$, $-(CH_2)_{0-4}-CO-NR_{105}R'_{105}$, - $(CH_2)_{0-4}$ -O- $(CH_2)_{0-4}$ -CONR₁₀₂R₁₀₂', - $(CH_2)_{0-4}$ -CO- $(C_1$ -C₁₂ alkyl), $-(CH_2)_{0-4}-CO-(C_2-C_{12} \text{ alkenyl})$, $-(CH_2)_{0-4} CO-(C_2-C_{12} \quad alkynyl), \quad -(CH_2)_{0-4}-CO-(CH_2)_{0-4}(C_3-C_7)$ $-(CH_2)_{0-4}-R_{110}$, $-(CH_2)_{0-4}-R_{120}$, cycloalkyl), $-\left(\text{CH}_{2}\right)_{0\text{--}4}-\text{R}_{130},\quad-\left(\text{CH}_{2}\right)_{0\text{--}4}-\text{CO-R}_{110},\quad-\left(\text{CH}_{2}\right)_{0\text{--}4}-\text{CO-R}_{120},$ R_{150} , $-(CH_2)_{0-4}-SO_2-NR_{105}R'_{105}$, $-(CH_2)_{0-4}-SO-(C_1-C_8)$ alkyl), $-(CH_2)_{0-4}-SO_{2-}(C_1-C_{12} \text{ alkyl})$, $-(CH_2)_{0-4}-SO_2 (CH_2)_{0-4}$ - $(C_3$ - C_7 cycloalkyl), - $(CH_2)_{0-4}$ - $N(R_{150})$ -CO-O- $-(CH_2)_{0-4}-N(R_{150})-CO-N(R_{150})_2,$ $-(CH_2)_{0-4}-$ -(CH₂)₀₋₄-N(R₁₅₀)-CO-R₁₀₅, $N(R_{150}) - CS - N(R_{150})_2$, $-(CH_2)_{0-4}-NR_{105}R'_{105}$, $-(CH_2)_{0-4}-R_{140}$, $-(CH_2)_{0-4}-O-CO (C_1-C_6 \text{ alkyl})$, $-(CH_2)_{0-4}-O-P(O)-(O-R_{110})_2$, $-(CH_2)_{0-1}$ $_{4}$ -O-CO-N(R_{150})₂, -(CH₂)₀₋₄-O-CS-N(R_{150})₂, -(CH₂)₀₋₄- $O-(R_{150})$, $-(CH_2)_{0-4}-O-R_{150}'-COOH$, $-(CH_2)_{0-4}-S-(R_{150})$, $-(CH_2)_{0-4}-N(R_{150})-SO_2-R_{105},$ $-(CH_2)_{0-4} C_3 - C_7$ cycloalkyl, (C_2-C_{10}) alkenyl, and (C₂- C_{10}) alkynyl, or

 R_{100} is $C_1\text{--}C_{10}$ alkyl optionally substituted with 1, 2, or 3 $$R_{115}$$ groups, or

 R_{100} is $-(C_1-C_6$ alkyl)-O- C_1-C_6 alkyl) or $-(C_1-C_6$ alkyl)-S- $(C_1-C_6$ alkyl), each of which is optionally substituted with 1, 2, or 3 R_{115} groups, or

 R_{100} is $C_3\text{-}C_8$ cycloalkyl optionally substituted with 1, 2, or 3 R_{115} groups;

W is $-(CH_2)_{0-4}-$, -O-, $-S(O)_{0-2}-$, $-N(R_{135})-$, -CR(OH)- or -C(O)-;

 R_{102} and R_{102} ' independently are hydrogen, or

 $C_1\text{-}C_{10}$ alkyl optionally substituted with 1, 2, or 3 groups that are independently halogen, aryl or $-R_{110}$;

- R_{105} and R'_{105} independently represent -H, - R_{110} , - R_{120} , C_3 - C_7 cycloalkyl, -(C_1 - C_2 alkyl)-(C_3 - C_7 cycloalkyl), -(C_1 - C_6 alkyl)-O-(C_1 - C_3 alkyl), C_2 - C_6 alkenyl, C_2 - C_6 alkynyl, or C_1 - C_6 alkyl chain with one double bond and one triple bond, or
 - C_1 - C_6 alkyl optionally substituted with -OH or -NH $_2$; or,
 - C_1 - C_6 alkyl optionally substituted with 1, 2, or 3 groups independently selected from halogen, or
- R_{105} and R'_{105} together with the atom to which they are attached form a 3 to 7 membered carbocylic ring, where one member is optionally a heteratom selected from -O-, $-S(O)_{O-2}$ -, $-N(R_{135})$ -, the ring being optionally substituted with 1, 2 or 3 independently selected R_{140} groups;
- R_{135} is C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, $C_{3-}C_7$ cycloalkyl, $-(CH_2)_{0-2}-(aryl)$, $-(CH_2)_{0-2}-(heteroaryl)$, or $-(CH_2)_{0-2}-(heterocyclyl)$;
- R_{140} is heterocyclyl optionally substituted with 1, 2, 3, or 4 groups independently selected from C_1 - C_6 alkyl, C_1 - C_6 alkoxy, halogen, hydroxy, cyano, nitro, amino,

mono (C_1-C_6) alkylamino, di (C_1-C_6) alkylamino, C_2-C_6 alkenyl, C_2-C_6 alkynyl, C_1-C_6 haloalkyl, C_1-C_6 haloalkoxy, amino (C_1-C_6) alkyl, mono (C_1-C_6) alkylamino (C_1-C_6) alkyl, di (C_1-C_6) alkylamino (C_1-C_6) alkyl, and =0;

 R_{145} is C_1-C_6 alkyl or CF_3 ;

- R_{150} is hydrogen, C_3 - C_7 cycloalkyl, $-(C_1$ - C_2 alkyl)- $(C_3$ - C_7 cycloalkyl), C_2 - C_6 alkenyl, C_2 - C_6 alkynyl, C_1 - C_6 alkyl with one double bond and one triple bond, $-R_{120}$, or
 - C_1-C_6 alkyl optionally substituted with 1, 2, 3, or 4 groups independently selected from -OH, -NH₂, C_1-C_3 alkoxy, R_{110} , and halogen;
- R_{150} ' is C_3-C_7 cycloalkyl, $-(C_1-C_3$ alkyl)- $(C_3-C_7$ cycloalkyl), C_2-C_6 alkenyl, C_2-C_6 alkynyl, C_1-C_6 alkyl with one double bond and one triple bond, $-R_{110}$, $-R_{120}$, or
 - C_1 - C_6 alkyl optionally substituted with 1, 2, 3, or 4 groups independently selected from -OH, -NH₂, C_1 - C_3 alkoxy, R_{110} , and halogen;
- R_{155} is C_3 - C_7 cycloalkyl, $-(C_1$ - C_2 alkyl)- $(C_3$ - C_7 cycloalkyl), C_2 - C_6 alkenyl, C_2 - C_6 alkynyl, C_1 - C_6 alkyl with one double bond and one triple bond, $-R_{110}$, $-R_{120}$, or C_1 - C_6 alkyl optionally substituted with 1, 2, 3, or 4 groups independently selected from -OH, -NH₂, C_1 - C_3 alkoxy, and halogen;
- selected from morpholinyl, thiomorpholinyl, R₁₈₀ is homomorpholinyl, piperidinyl, piperazinyl, homothiomorpholinyl S-oxide, homothiomorpholinyl, homothiomorpholinyl S,S-dioxide, pyrrolinyl optionally is pyrrolidinyl, each of which substituted with 1, 2, 3, or 4 groups independently selected from C_1 - C_6 alkyl, C_1 - C_6 alkoxy, halogen,

hydroxy, cyano, nitro, amino, mono(C_1 - C_6) alkylamino, di(C_1 - C_6) alkylamino, C_2 - C_6 alkenyl, C_2 - C_6 alkynyl, C_1 - C_6 haloalkyl, C_1 - C_6 haloalkoxy, amino(C_1 - C_6) alkylamino(C_1 - C_6) alkyl, di(C_1 - C_6) alkylamino(C_1 - C_6) alkyl, and =0;

- R_{110} is aryl optionally substituted with 1 or 2 R_{125} groups;
- R₁₂₅ at each occurrence is independently halogen, amino, mono- or dialkylamino, -OH, -C \equiv N, -SO₂-NH₂, -SO₂-NH-C₁-C₆ alkyl, -SO₂-N(C₁-C₆ alkyl)₂, -SO₂-(C₁-C₄ alkyl), -CO-NH₂, -CO-NH-C₁-C₆ alkyl, or -CO-N(C₁-C₆ alkyl)₂, or
 - C₁-C₆ alkyl, C₂-C₆ alkenyl or C₂-C₆ alkynyl, each of
 which is optionally substituted with 1, 2, or 3
 groups that are independently selected from C₁ C₃ alkyl, halogen, -OH, -SH, -C≡N, -CF₃, C₁-C₃
 alkoxy, amino, and mono- and dialkylamino, or
 - C_1 - C_6 alkoxy optionally substituted with one, two or three of halogen;
- R_{120} is heteroaryl, which is optionally substituted with 1 or 2 R_{125} groups; and
- R_{130} is heterocyclyl optionally substituted with 1 or 2 R_{125} groups.
- 2. A compound according to claim 1 wherein R_N is hydrogen.
- 3. A compound according to claim 1 wherein $R_{N}{}^{\prime}$ is hydrogen.
- 4. A compound according to claim 1 wherein $R_1 \ \text{is -C}_1\text{-C}_6 \ \text{alkyl-aryl, -C}_1\text{-C}_6 \ \text{alkyl-heterocyclyl, where the ring portions of}$

each are optionally substituted with 1, 2, 3, or 4 groups independently selected from halogen, -OH, -SH, -C \equiv N, -NO₂, -NR₁₀₅R'₁₀₅, -CO₂R, -N(R)COR', or -N(R)SO₂R', -C(\equiv O)-(C₁-C₄) alkyl, -SO₂-amino, -SO₂-mono or dialkylamino, -C(\equiv O)-amino, -C(\equiv O)-mono or dialkylamino, -SO₂-(C₁-C₄) alkyl, or

- $C_1\text{-}C_6$ alkoxy optionally substituted with 1, 2, or 3 groups which are independently selected from halogen, or
- C_3 - C_7 cycloalkyl optionally substituted with 1, 2, or 3 groups independently selected from halogen, -OH, -SH, -C \equiv N, -CF $_3$, C_1 - C_3 alkoxy, amino, - C_1 - C_6 alkyl and mono- or dialkylamino, or
- C_1-C_{10} alkyl optionally substituted with 1, 2, or 3 groups independently selected from halogen, -OH, -SH, -C \equiv N, -CF $_3$, -C $_1$ -C $_3$ alkoxy, amino, mono- or dialkylamino and -C $_1$ -C $_3$ alkyl, or
- C_2 - C_{10} alkenyl or C_2 - C_{10} alkynyl each of which is optionally substituted with 1, 2, or 3 groups independently selected from halogen, -OH, -SH, -C \equiv N, -CF $_3$, C_1 - C_3 alkoxy, amino, C_1 - C_6 alkyl and mono- or dialkylamino; and the heterocyclyl group is optionally further substituted with oxo.
- 5. A compound according to claim 1 wherein
- R_2 and R_3 are independently selected from H or $C_1\text{-}C_6$ alkyl optionally substituted with 1, 2, or 3 substituents selected from the group consisting of $C_1\text{-}C_3$ alkyl,

halogen, -OH, -SH, -C \equiv N, -CF $_3$, C $_1$ -C $_3$ alkoxy, and -NR $_1$ - $_a$ R $_1$ - $_b$.

- 6. A compound according to claim 1 wherein
- R_C is $-(CR_{245}R_{250})_{0-4}$ -aryl, or $-(CR_{245}R_{250})_{0-4}$ -heteroaryl, wherein aryl and heteroaryl are optionally substituted with 1, 2, or 3 R_{200} groups.

$$Y^Z_X^{(CH_2)_{n7}-CHC(O)}$$

wherein

 R_4 is NH_2 ; $-NH-(CH_2)_{n6}-R_{4-1}$; $-NHR_8$; $-NR_{50}C(O)R_5$; or $-NR_{50}CO_2R_{51}$;

wherein

n₆ is 0, 1, 2, or 3; n₇ is 0, 1, 2, or 3;

 $R_{4\text{--}2}$ and $R_{4\text{--}3}$ are independently H, $C_1\text{--}C_3$ alkyl, or $C_3\text{--}C_6$ cycloalkyl;

 R_{4-4} is alkyl, phenylalkyl, C_2-C_4 alkanoyl, or phenylalkanoyl;

R₅ is cyclopropyl; cyclobutyl; cyclopentyl; and cyclohexyl; wherein each cycloalkyl group is optionally substituted with one or two groups that are C_1 - C_6 alkyl, more preferably C_1 - C_2 alkyl, C_1 - C_6 alkoxy, more preferably C_1 - C_2 alkoxy, C_3 , C_4 , C_5 , C_6 alkyl), C_1 - C_6 alkyl), C_1 - C_6 alkyl), C_1 - C_6 alkyl), halogen,

CN, or NO2; or the cycloalkyl group is substituted with 1 or 2 groups that are independently CF3, Cl, F, methyl, ethyl or cyano; C1-C6 alkyl optionally substituted with 1, 2, or 3 groups that are independently halogen, $-NR_6R_7$, C_1-C_4 alkoxy, C_5-C_6 heterocycloalkyl, C_5 - C_6 heteroaryl, phenyl, C_3 - C_7 cycloalkyl, $-S-C_1-C_4$ alkyl, $-SO_2-C_1-C_4$ alkyl, $-CO_2H$, $-CONR_6R_7$, $-CO_2-C_1-C_4$ alkyl, or phenyloxy; heteroaryl optionally substituted with 1, 2, or 3 groups that are independently C_1 - C_4 alkyl, C_1 - C_4 alkoxy, halogen, C_1 - C_4 haloalkyl, or OH; heterocycloalkyl optionally substituted with 1, 2, or 3 groups that are independently C_1 - C_4 alkyl, C_1 - C_4 alkoxy, halogen, or C2-C4 alkanoyl; phenyl optionally substituted with 1, 2, 3, or 4 groups that are independently halogen, OH, C_1 - C_4 alkyl, C_1 - C_4 alkoxy, or C_1 - C_4 haloalkyl; and -NR₆R₇; wherein

- R_6 and R_7 are independently selected from the group consisting of H, C_1 - C_6 alkyl, C_2 - C_6 alkanoyl, phenyl, $-SO_2$ - C_1 - C_4 alkyl, and phenyl C_1 - C_4 alkyl;
- R_8 is selected from the group consisting of $-SO_2$ -heteroaryl optionally substituted with 1 or 2 groups that are independently C_1 - C_4 alkyl or halogen; $-SO_2$ -aryl, $-SO_2$ -heterocycloalkyl, $-C(O)NHR_9$, heterocycloalkyl, -S- C_2 - C_4 alkanoyl, wherein

 $$R_9$$ is phenyl $C_1\!-\!C_4$ alkyl, $C_1\!-\!C_6$ alkyl, or H; R_{50} is H or $C_1\!-\!C_6$ alkyl;

 R_{S1} is selected from the group consisting of phenyl C_1-C_4 alkyl; C_1-C_6 alkyl optionally substituted with 1, 2, or 3 groups that are independently halogen, cyano, $-NR_6R_7$, $-C(O)NR_6R_7$, C_3-C_7 or $-C_1-C_4$ alkoxy; heterocycloalkyl optionally

substituted with 1 or 2 groups that independently C1-C4 alkyl, C1-C4 alkoxy, halogen, C_2 - C_4 alkanoyl, phenyl C_1 - C_4 alkyl, and $-SO_2$ C_1 - C_4 alkyl; heterocycloalkylalkyl optionally substituted with 1 or 2 groups that independently C_1 - C_4 alkyl, C_1 - C_4 alkoxy, halogen, C_2 - C_4 alkanoyl, phenyl C_1 - C_4 alkyl, and -SO₂ C_1 - C_4 alkyl; alkenyl; alkynyl; heteroaryl optionally substituted with 1, 2, or 3 groups that are independently OH, C_1 - C_4 alkyl, C_1 - C_4 alkoxy, halogen, NH_2 , $NH(C_1-C_6)$ alkyl) or $N(C_1-C_6)$ alkyl)(C_1 - C_6 alkyl); heteroarylalkyl optionally substituted with 1, 2, or 3 groups that are independently C_1 - C_4 alkyl, C_1 - C_4 alkoxy, halogen, $NH(C_1-C_6 \text{ alkyl})$ or $N(C_1-C_6 \text{ alkyl})(C_1-C_6)$ NH_2 , alkyl); phenyl; $C_3 - C_8$ cycloalkyl, and cycloalkylalkyl, wherein the phenyl; $C_3 - C_8$ cycloalkyl, and cycloalkylalkyl groups optionally substituted with 1, 2, 3, 4 or 5 groups that are independently halogen, CN, NO2, C_1-C_6 alkyl, C_1-C_6 alkoxy, C_2-C_6 alkanoyl, C_1-C_6 haloalkyl, C_1 - C_6 haloalkoxy, hydroxy, C_1 - C_6 hydroxyalkyl, C_1 - C_6 alkoxy C_1 - C_6 alkyl, C_1 - C_6 thioalkoxy, $C_1\text{-}C_6$ thioalkoxy $C_1\text{-}C_6$ alkyl, or $C_1\text{-}$ C_6 alkoxy C_1 - C_6 alkoxy.

8. A compound according to claim 3 wherein $\ensuremath{R_{N}}$ is

$$Y^Z X^{(CH_2)_{n7}-CHC(O)}$$

wherein

 R_4 is NH_2 ; $-NH-(CH_2)_{n6}-R_{4-1}$; $-NHR_8$; $-NR_{50}C(O)R_5$; or $-NR_{50}CO_2R_{51}$;

wherein

n₆ is 0, 1, 2, or 3; n₇ is 0, 1, 2, or 3;

 R_{4-2} and R_{4-3} are independently H, C_1-C_3 alkyl, or C_3-C_6 cycloalkyl;

 R_{4-4} is alkyl, phenylalkyl, C_2 - C_4 alkanoyl, or phenylalkanoyl;

cyclopropyl; cyclobutyl; cyclopentyl; and R_5 cyclohexyl; wherein each cycloalkyl group is optionally substituted with one or two groups that are C_1 - C_6 alkyl, more preferably C_1 - C_2 alkyl, C_1 - C_6 alkoxy, more preferably C₁-C₂ alkoxy, CF₃, OH, NH₂, $NH(C_1-C_6 \text{ alkyl})$, $N(C_1-C_6 \text{ alkyl})(C_1-C_6 \text{ alkyl})$, halogen, CN, or NO_2 ; or the cycloalkyl group is substituted with 1 or 2 groups that are independently CF_3 , Cl, F, methyl, ethyl or cyano; C1-C6 alkyl optionally substituted with 1, 2, or 3 groups that are independently halogen, -NR₆R₇, C₁-C₄ alkoxy, $C_5 - C_6$ heterocycloalkyl, C5-C6 heteroaryl, phenyl, cycloalkyl, $-S-C_1-C_4$ alkyl, $-SO_2-C_1-C_4$ alkyl, $-CO_2H$, $-\text{CONR}_6 R_7, \quad -\text{CO}_2 - \text{C}_1 - \text{C}_4 \quad \text{alkyl} \,, \quad \text{or phenyloxy}; \quad \text{heteroaryl} \\$ optionally substituted with 1, 2, or 3 groups that are independently C_1-C_4 alkyl, C_1-C_4 alkoxy, halogen, C_1-C_4 haloalkyl, or OH; heterocycloalkyl optionally substituted with 1, 2, or 3 groups that are independently $C_1\text{-}C_4$ alkyl, $C_1\text{-}C_4$ alkoxy, halogen, or C_2 - C_4 alkanoyl; phenyl optionally substituted with 1, 2, 3, or 4 groups that are independently halogen,

OH, C_1 - C_4 alkyl, C_1 - C_4 alkoxy, or C_1 - C_4 haloalkyl; and -NR₆R₇; wherein

 R_6 and R_7 are independently selected from the group consisting of H, C_1 - C_6 alkyl, C_2 - C_6 alkanoyl, phenyl, $-SO_2$ - C_1 - C_4 alkyl, and phenyl C_1 - C_4 alkyl;

 R_8 is selected from the group consisting of $-SO_2$ -heteroaryl optionally substituted with 1 or 2 groups that are independently C_1 - C_4 alkyl or halogen;, $-SO_2$ -aryl, $-SO_2$ -heterocycloalkyl, $-C(0)\,NHR_9$, heterocycloalkyl, $-S-C_2$ - C_4 alkanoyl, wherein

 $$R_{9}$$ is phenyl $C_{1}\text{-}C_{4}$ alkyl, $C_{1}\text{-}C_{6}$ alkyl, or H; $$R_{50}$$ is H or $C_{1}\text{-}C_{6}$ alkyl;

 R_{51} is selected from the group consisting of phenyl C_1 - C_4 alkyl; C_1 - C_6 alkyl optionally substituted with 1, 2, or 3 groups that are independently halogen, cyano, -NR6R7, $-C(0)NR_6R_7$ $C_3 - C_7$ or-C₁-C₄ alkoxy; heterocycloalkyl optionally substituted with 1 or 2 groups that are independently C_1-C_4 alkyl, C_1-C_4 alkoxy, halogen, C_2-C_4 alkanoyl, phenyl C_1 - C_4 alkyl, and $-SO_2$ C_1 - C_4 heterocycloalkylalkyl optionally alkyl; substituted with 1 or 2 groups that are independently C_1-C_4 alkyl, C_1-C_4 alkoxy, halogen, C_2 - C_4 alkanoyl, phenyl C_1 - C_4 alkyl, and -SO₂ C₁-C₄ alkyl; alkenyl; alkynyl; heteroaryl optionally substituted with 1, 2, or 3 groups that are independently OH, C₁-C₄ alkyl, C₁-C₄ alkoxy, halogen, NH₂, $NH(C_1-C_6 \text{ alkyl})$ or $N(C_1-C_6)$ alkyl) (C_1-C_6) alkyl); heteroarylalkyl optionally substituted with 1, 2, or 3 groups that

are independently C1-C4 alkyl, C1-C4 alkoxy, halogen, NH_2 , $NH(C_1-C_6$ alkyl) or $N(C_1-C_6)$ phenyl; $C_3 - C_8$ alkyl)(C_1-C_6 alkyl); cycloalkyl, and cycloalkylalkyl, wherein C_3-C_8 cycloalkyl, the phenyl; groups are optionally cycloalkylalkyl substituted with 1, 2, 3, 4 or 5 groups that are independently halogen, CN, NO2, C_1-C_6 alkyl, C_1-C_6 alkoxy, C_2-C_6 alkanoyl, C_1-C_6 haloalkyl, C_1-C_6 haloalkoxy, hydroxy, C_1-C_6 hydroxyalkyl, C_1-C_6 alkoxy C_1-C_6 alkyl, C_1 - C_6 thioalkoxy, C_1 - C_6 thioalkoxy C_1-C_6 alkyl, or C_1-C_6 alkoxy C_1-C_6 alkoxy.

- 9. A compound according to claim 2 wherein
- $R_N{}^{\iota}$ is-C(=0)-phenyl, where the phenyl ring is optionally substituted with 1 or 2 groups independently selected from
- 10. A compound according to claim 3 wherein
- R_{N} is-C(=0)-phenyl, where the phenyl ring is optionally substituted with 1 or 2 groups independently selected from

11. A compound according to claim 1 selected from the group consisting of:

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N^{1}-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
 hydroxybutyl]-3-(butylsulfonyl)-N1-(3-ethylbenzyl)-D-
 alaninamide dihydrochloride
                     N^{1}-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
 hydroxybutyl] -N^1 - (3-ethylbenzyl) -N^2[(benzyloxy) carbonyl] -3-
  [(1-propylbuty1)sulfony1]-D-alaninamide trifluoroacetate
                     N^{1}-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
 hydroxybutyl] -N^1-(3-ethylbenzyl) -3-[(1-
 propylbutyl)sulfonyl]-D-alaninamide hydrochloride
                     N-[(2R, 3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-ethylbenzyl) -2-[(methylsulfonyl)amino] -
 1,3-thiazole-5-carboxamide
                    N^{1}-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N^1 - (3-ethylbenzyl) -3 - [(1-
propylbutyl) sulfonyl] -L-alaninamide bis(trifluoroacetate)
                    N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -3-(butylsulfonyl) -N-(3-
ethylbenzyl) propanamide hydrochloride
                      (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - \{ [(3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - diflu
ethylbenzyl)amino]methyl}propyl 3-(butylsulfonyl)propanoate
dihydrochloride
                     (1R, 2S) - 2-amino-3-(3,5-difluorophenyl)-1-{[(3-
ethylbenzyl)amino]methyl}propyl
                                                                                                                                                                                                                                               3 –
 [(dipropylamino)carbonyl]-5-(1,3-oxazol-2-yl)benzoate
dihydrochloride
                     (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-({[1-(3-
ethylphenyl)cyclopropyl]amino}methyl)propyl
                                                                                                                                                                                                                                               3 -
[(dipropylamino)carbonyl]-5-(1,3-oxazol-2-yl)benzoate
dihydrochloride
                     (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - ({[3 - amino - 3 - (3, 5 - difluorophenyl)]}) - 1 - ({[3 - amino - 3 - (3, 5 - difluorophenyl)]}) - 1 - ({[3 - amino - 3 - (3, 5 - difluorophenyl)]}) - 1 - ({[3 - amino - 3 - (3, 5 - difluorophenyl)]}) - 1 - ({[3 - amino - 3 - (3, 5 - difluorophenyl)]}) - 1 - ({[3 - amino - 3 - (3, 5 - difluorophenyl)]}) - 1 - ({[3 - amino - 3 - (3, 5 - difluorophenyl)]}) - 1 - ({[3 - amino - 3 - (3, 5 - difluorophenyl)]}) - 1 - ({[3 - amino - 3 - (3, 5 - difluorophenyl)]}) - 1 - ({[3 - amino - 3 - (3, 5 - difluorophenyl)]}) - 1 - ({[3 - amino - 3 - (3, 5 - difluorophenyl)]}) - 1 - ({[3 - amino - 3 - (3, 5 - difluorophenyl)]}) - 1 - ({[3 - amino - 3 - (3, 5 - difluorophenyl)]}) - 1 - ({[3 - amino - 3 - (3, 5 - difluorophenyl)]}) - 1 - ({[3 - amino - 3 - (3, 5 - difluorophenyl)]}) - 1 - ({[3 - amino - 3 - (3, 5 - difluorophenyl)]}) - 1 - ({[3 - amino - 3 - (3, 5 - difluorophenyl)]}) - 1 - ({[3 - amino - 3 - (3, 5 - difluorophenyl)]}) - 1 - ({[3 - amino - 3 - (3, 5 - difluorophenyl)]}) - 1 - ({[3 - amino - 3 - (3, 5 - difluorophenyl)]}) - 1 - ({[3 - amino - 3 - (3, 5 - difluorophenyl)]}) - 1 - ({[3 - amino - 3 - (3, 5 - difluorophenyl)]}) - 1 - ({[3 - amino - 3 - (3, 5 - difluorophenyl)]}) - ({[3 - amino - 3 - (3, 5 - difluorophenyl)]}) - ({[3 - amino - 3 - (3, 5 - difluorophenyl)]}) - ({[3 - amino - 3 - (3, 5 - difluorophenyl)]}) - ({[3 - amino - 3 - (3, 5 - difluorophenyl)]}) - ({[3 - amino - 3 - (3, 5 - difluorophenyl)]}) - ({[3 - amino - 3 - (3, 5 - difluorophenyl)]}) - ({[3 - amino - 3 - (3, 5 - difluorophenyl)]}) - ({[3 - amino - 3 - (3, 5 - difluorophenyl)]}) - ({[3 - amino - 3 - (3, 5 - difluorophenyl)]}) - ({[3 - amino - 3 - (3, 5 - difluorophenyl)]}) - ({[3 - amino - 3 - (3, 5 - difluorophenyl)]}) - ({[3 - amino - 3 - (3, 5 - difluorophenyl)]}) - ({[3 - amino - 3 - (3, 5 - difluorophenyl)]}) - ({[3 - amino - 3 - (3, 5 - difluorophenyl)]}) - ({[3 - amino - 3 - (3, 5 - difluorophenyl)]}) - ({[3 - amino - 3 - (3, 5 - difluorophenyl)]}) - ({[3 - amino - 3 - (3, 5 -
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(trifluoromethyl)benzyl]amino}methyl)propyl
                                                                                                                                                                                                                                                                                             3 -
  [(dipropylamino)carbonyl]-5-(1,3-oxazol-2-yl)benzoate
 dihydrochloride
                       N^{1}-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N(u) 1(d) - (3-ethylbenzyl) -5-(1,3-oxazol-2-
yl)-N<sup>3</sup>, N<sup>3</sup>-dipropylisophthalamide hydrochloride
                       N^{1}-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybuty1]-5-(1,3-oxazo1-2-y1)-N^3,N^3-dipropy1-N^1-[3-y]
 (trifluoromethyl)benzyl]isophthalamide hydrochloride
                       N^{1}-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-5-(1,3-oxazol-2-yl)-N^3,N^3-dipropyl-N^1-[3-
 (trifluoromethyl)benzyl]isophthalamide
                         (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - ({[1 - (3 - 3)]}) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - ({[1 - (3 - 3)]}) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - ({[1 - (3 - 3)]}) - (3, 5 - difluorophenyl) - 1 - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 - (3 - 3)]}) - ({[1 
ethynylphenyl)cyclopropyl]amino}methyl)propyl
                                                                                                                                                                                                                                                                                            3 -
 [(dipropylamino)carbonyl]-5-(1,3-oxazol-2-yl)benzoate
                       N^{1}-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-3-(butylsulfonyl)-N1-(3-ethylbenzyl)-
N<sup>2</sup> [(methoxy) carbonyl]-D-alaninamide dihydrochloride
                         (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-
5-{[(2-hydroxyethyl)amino]sulfonyl}benzoate
                         (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-(\{[(2-
isobutyl-1,3-thiazol-5-yl)methyl]amino}methyl)propyl
                                                                                                                                                                                                                                                                                                3 -
 [(dipropylamino)carbonyl]-5-ethynylbenzoate
                         (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - \{ [(3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - diflu
isopropylbenzyl)amino]methyl}propyl
                                                                                                                                                                                                                                                                                                3 -
 [(dipropylamino)carbonyl]-5-ethynylbenzoate
                         (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
isopropylbenzyl)amino]methyl}propyl
                                                                                                                                                                                                                                                                                               3 -
 [(dipropylamino)carbonyl]-5-(1,3-oxazol-2-yl)benzoate
                         (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - \{ [(3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (
ethylbenzyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-
5-{[(2-hydroxy-1,1-dimethylethyl)amino]sulfonyl}benzoate
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(1R, 2S) -2-amino-3-(3, 5-difluorophenyl) -1-\{[(3-
  ethylbenzyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-
  5-(4-methyl-1,3-oxazol-2-yl)benzoate
                     (1R, 2S) - 2-amino-3-(3,5-difluorophenyl) -1-({[(2-
 isobutyl-1,3-thiazol-5-yl)methyl]amino}methyl)propyl
                                                                                                                                                                                                                          3 -
   [(dipropylamino)carbonyl]-5-(1,3-oxazol-2-yl)benzoate
                    (1R, 2S) -2-amino-3-(3, 5-difluorophenyl) -1-\{[(3-
 ethylbenzyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-
 5-{[(3-hydroxypropyl)amino]sulfonyl}benzoate hydrochloride
                    (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - \{ [(3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - diflu
 propylbenzyl) amino] methyl } propyl
                                                                                                                                                                                                                         3 -
  [(dipropylamino)carbonyl]-5-methylbenzoate
                    (1R, 2S) -2-amino-3-(3, 5-difluorophenyl) -1-\{(3-
 ethylbenzyl)amino]methyl}propyl
                                                                                                                                                                                                                         3 -
 { [butyl (methyl) amino] carbonyl}-5-methylbenzoate
                    (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
 ethynylbenzyl)amino]methyl}propyl
                                                                                                                                                                                                                         3 -
 [(dipropylamino)carbonyl]-5-ethynylbenzoate
                   (1R, 2S) -2-amino-3-(3, 5-difluorophenyl) -1-(\{[(3-
isobutylisoxazol-5-yl)methyl]amino}methyl)propyl
                                                                                                                                                                                                                        3 -
 [(dipropylamino)carbonyl]-5-ethynylbenzoate
                   (1R, 2S) -2-amino-3-(3, 5-difluorophenyl) -1-\{[(3-
ethylbenzyl)amino]methyl}propyl 3-[(dimethylamino)sulfonyl]-
5-[(dipropylamino)carbonyl]benzoate
                   (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluo
ethylbenzyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-
5-(1,3-oxazol-2-yl)benzoate hydrochloride
                   (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-(\{[3-(5-
formyl-2-thienyl)benzyl]amino}methyl)propyl
                                                                                                                                                                                                                       3 -
[(dipropylamino)carbonyl]-5-methylbenzoate
                   (1R, 2S) -2-amino-3-(3, 5-difluorophenyl) -1-\{[(3-
iodobenzyl) amino] methyl } propyl
                                                                                                                                                                                         3-bromo-5-
[(dipropylamino)carbonyl]benzoate
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(1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]
5-({[(1R)-2-hydroxy-1-methylethyl]amino}sulfonyl)benzoate
     (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
isobutylbenzyl) amino] methyl } propyl
                                                              3 -
[(dipropylamino)carbonyl]-5-methylbenzoate
     (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-({[3-
(trifluoromethyl)benzyl]amino}methyl)propyl
                                                              3 -
[(dipropylamino)carbonyl]-5-ethynylbenzoate
     (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
ethylbenzyl)amino]methyl}propyl
                                                    3 - \{ [(2R) - 2 -
(methoxymethyl)pyrrolidin-1-yl]carbonyl}-5-methylbenzoate
hydrochloride
     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-
5-(\{[(1S)-2-hydroxy-1-methylethyl]amino\}sulfonyl)benzoate
     (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
ethylbenzyl)amino]methyl}propyl
                                                              3 -
{ [butyl (propyl) amino] carbonyl } - 5 - methylbenzoate
     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl 3-[(dibutylamino)carbonyl]-
5-methylbenzoate
     (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-({[3-(3-
hydroxyprop-1-yn-1-yl)benzyl]amino}methyl)propyl
                                                              3 -
[(dipropylamino)carbonyl]-5-methylbenzoate
      (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
ethylbenzyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-
5-\{[(2S)-2-(hydroxymethyl)pyrrolidin-1-yl]sulfonyl}benzoate
      (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
                                                              3 -
ethylbenzyl)amino]methyl}propyl
{ [butyl (ethyl) amino] carbonyl}-5-methylbenzoate
      (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethynylbenzyl)amino]methyl}propyl
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[(dipropylamino)carbonyl]-5-(1,3-oxazol-2-yl)benzoate
                              (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - \{ [(3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - diflu
   ethylbenzyl)amino]methyl}propyl
                                                                                                                                                                                                                                                                                                             3 -
    { [cyclohexyl (methyl) amino] carbonyl}-5-methylbenzoate
                              (1R, 2S) - 2 - amino - 1 - ({ [3 -
    (cyclopropylamino)benzyl]amino}methyl)-3-(3,5-
  difluorophenyl)propyl
                                                                                                                                                             3-[(dipropylamino)carbonyl]-5-
  ethynylbenzoate
                             thienyl)benzyl]amino}methyl)propyl
                                                                                                                                                                                                                                                                                                            3 -
  [(dipropylamino)carbonyl]-5-methylbenzoate
                             (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-({[3-
  (trifluoromethyl)benzyl]amino}methyl)propyl
                                                                                                                                                                                                                                                                                                            3 -
  [(dipropylamino)carbonyl]-5-(1,3-oxazol-2-yl)benzoate
                             (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - \{ [(3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - diflu
 ethylbenzyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl].
 5-(piperazin-1-ylsulfonyl)benzoate dihydrochloride
                             (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-(\{[1-(3-
 iodophenyl) cyclopropyl] amino}methyl) propyl
                                                                                                                                                                                                                                                                                                           3 -
  [(dipropylamino)carbonyl]-5-methylbenzoate
                           (1R, 2S) -2-amino-1-\{[(3-sec-butylbenzyl)amino]methyl\}-3-
 (3,5-difluorophenyl)propyl 3-[(dipropylamino)carbonyl]-5-
methylbenzoate
                           (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - \{ [(3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - diflu
ethylbenzyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-
5-(3-methylisoxazol-4-yl)benzoate hydrochloride
                           (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-(\{[1-(3-
isobutylisoxazol-5-yl)cyclopropyl]amino}methyl)propyl
                                                                                                                                                                                                                                                                                                         3 -
 [(dipropylamino)carbonyl]-5-(1,3-oxazol-2-yl)benzoate
                           (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-({[1-(3-
ethylphenyl)cyclopropyl]amino}methyl)propyl
                                                                                                                                                                                                                                                                                                        3 -
 [(dipropylamino)carbonyl]-5-(1,3-oxazol-2-yl)benzoate
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(1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
ethylbenzyl)amino]methyl}propyl 2-[(dipropylamino)carbonyl]-
6-methylisonicotinate
     (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
ethylbenzyl)amino]methyl}propyl
                                                             3 -
{[(cyclopropylmethyl) (propyl)amino]carbonyl}-5-
methylbenzoate
     (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
                                                              3 -
methoxybenzyl)amino]methyl}propyl
[(dipropylamino)carbonyl]-5-(1,3-oxazol-2-yl)benzoate
     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-(\{[1-(3-
ethynylphenyl)cyclopropyl]amino}methyl)propyl
                                                              3 -
[(dipropylamino)carbonyl]-5-(1,3-oxazol-2-yl)benzoate
     (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
                                          3-(aminosulfonyl)-5-
ethylbenzyl)amino]methyl}propyl
[(dipropylamino)carbonyl]benzoate
     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-[({3-[(1Z)-1]})
prop-1-en-1-yl]benzyl}amino)methyl]propyl
                                                              3 -
[(dipropylamino)carbonyl]-5-methylbenzoate
      (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-
5-(1H-pyrazol-4-yl)benzoate hydrochloride
      (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-({[1-(3-
ethylphenyl)-1-methylethyl]amino}methyl)propyl
                                                              3 -
[(dipropylamino)carbonyl]-5-ethynylbenzoate
      (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-({[3-
 (trifluoromethyl)benzyl]amino}methyl)propyl
                                                              3 -
 [(dipropylamino)carbonyl]-5-methylbenzoate
      (1R, 2S) -1-{[(3-allylbenzyl)amino]methyl}-2-amino-3-
                                3-[(dipropylamino)carbonyl]-5-
 (3,5-difluorophenyl)propyl
methylbenzoate
      (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-({[1-(3-
                                                              3 -
 ethylphenyl)cyclopropyl]amino}methyl)propyl
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[(dipropylamino)carbonyl]-5-methylbenzoate
      (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-(\{[1-(3-
 ethylphenyl)-1-methylethyl]amino}methyl)propyl
                                                               3 -
 [(dipropylamino)carbonyl]-5-(1,3-oxazol-2-yl)benzoate
      (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
ethylbenzyl)amino]methyl}propyl
                                                               3 -
 { [ethyl (propyl) amino] carbonyl}-5-methylbenzoate
      (1R, 2S) -2-amino-1-({[3-
 (cyclopropylamino)benzyl]amino}methyl)-3-(3,5-
difluorophenyl)propyl
                                3-[(dipropylamino)carbonyl]-5-
methylbenzoate
      (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-(\{[1-(3-
ethynylphenyl)cyclopropyl]amino}methyl)propyl
                                                               3 -
[(dipropylamino)carbonyl]-5-ethynylbenzoate
      (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-({[1-(3-
isobutylisoxazol-5-yl)cyclopropyl]amino}methyl)propyl
                                                              3 -
[(dipropylamino)carbonyl]-5-methylbenzoate
      (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-(\{[3-(5-
formy1-4-methy1-2-thienyl)benzyl]amino}methyl)propyl
                                                              3 -
[(dipropylamino)carbonyl]-5-methylbenzoate
     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
isopropylbenzyl)amino]methyl}propyl
                                                              5 -
[(dipropylamino)carbonyl]nicotinate
     (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - [({3 - 2S}) - 2 - amino - 3 - (3, 5 - difluorophenyl)]
[(methylsulfonyl)amino]benzyl}amino)methyl]propyl
                                                              3 -
[(dipropylamino)carbonyl]-5-methylbenzoate
     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl 3-[(butylamino)carbonyl]-5-
methylbenzoate
     methylbutyl)benzyl]amino}methyl)propyl
                                                              3 -
[(dipropylamino)carbonyl]-5-methylbenzoate
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(1R, 2S) -2-amino-1-\{[(biphenyl-3-ylmethyl) amino] methyl}-
                               3-[(dipropylamino)carbonyl]-5-
3-(3,5-difluorophenyl)propyl
methylbenzoate
     (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-({[1-(3-
ethynylphenyl)cyclopropyl]amino}methyl)propyl
                                                             3 -
[(dipropylamino)carbonyl]-5-methylbenzoate
     (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
ethylbenzyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-
5-({[2-(methylamino)ethyl]amino}sulfonyl)benzoate
hvdrochloride
     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl) -1-({[1-(3-
isobutylisoxazol-5-yl)cyclopropyl]amino}methyl)propyl
                                                             3 -
[(dipropylamino)carbonyl]-5-ethynylbenzoate
     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl 3-[(diallylamino)carbonyl]-
5-methylbenzoate
     (1R, 2R) -2-amino-3-(3,5-difluorophenyl)-1-({[1-(2-
isobutyl-1,3-thiazol-5-yl)cyclopropyl]amino}methyl)propyl 3-
[(dipropylamino)carbonyl]-5-methylbenzoate
      (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-(\{[1-(3-
ethylphenyl) -1-methylethyl]amino}methyl)propyl
                                                             3 -
[(dipropylamino)carbonyl]-5-methylbenzoate
      (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
                                                        3-{[(2-
ethylbenzyl)amino]methyl}propyl
hydroxyethyl)amino]sulfonyl}-5-
[(propylamino)carbonyl]benzoate
      (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl
                                                    3-methyl-5-
{ [methyl (propyl) amino] carbonyl} benzoate
      (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl
                                     N-(phenylsulfonyl)-3-[(1-
propylbutyl)sulfonyl]alaninate hydrochloride
      (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
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ethylbenzyl)amino]methyl}propyl 3-[(diethylamino)carbonyl]-
 5-(1,3-oxazol-2-yl)benzoate
      (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
 ethylbenzyl)amino]methyl}propyl N-[(benzylamino)carbonyl]-3-
 [(1-propylbutyl)sulfonyl]alaninate trifluoroacetate
      (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-pyridin-
3-ylbenzyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-
 5-methylbenzoate
      (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
ethylbenzyl)amino]methyl}propyl
                                                            5 -
 [(dipropylamino)carbonyl]nicotinate 1-oxide
      formyl-2-furyl)benzyl]amino}methyl)propyl
                                                           3 -
[(dipropylamino)carbonyl]-5-methylbenzoate
      (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-
5-(1-methyl-1H-imidazol-2-yl)benzoate
      (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl 3-[(diethylamino)carbonyl]-
5-methylbenzoate
     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-(\{[3-
(ethylsulfinyl)benzyl]amino}methyl)propyl
                                                           3 -
[(dipropylamino)carbonyl]-5-methylbenzoate
     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl
                                                           3.
{ [butyl (ethyl) amino] sulfonyl } propanoate
     (1R, 2S) -2-amino-1-{[(3-cyanobenzyl)amino]methyl}-3-
(3,5-difluorophenyl)propyl
                              3-[(dipropylamino)carbonyl]-5-
methylbenzoate
     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl
                                                       3-[(1-
propylbutyl) sulfonyl] propanoate hydrochloride
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(1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl
                                                              3 -
{ [isobutyl (methyl) amino] carbonyl } -5-methylbenzoate
     (1R, 2S) -2-amino-3-(3,5-difluorophenyl) -1-{[(3-pyridin-
2-ylbenzyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-
5-methylbenzoate
     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
iodobenzyl)amino]methyl}propyl
                                    2-[(methylsulfonyl)amino]-
1,3-oxazole-4-carboxylate
     (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-[({3-
[methyl (methylsulfonyl) amino] benzyl amino) methyl] propyl
[(dipropylamino)carbonyl]-5-methylbenzoate
     (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
ethylbenzyl)amino]methyl}propyl N-(3-phenylpropanoyl)-3-[(1-
propylbutyl)sulfonyl]alaninate trifluoroacetate
     (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-({ [3-
(ethylsulfonyl)benzyl]amino}methyl)propyl
                                                              3 -
[(dipropylamino)carbonyl]-5-methylbenzoate
     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-{[(3-
ethylbenzyl)amino]methyl}propyl
                                                N-[(5-chloro-2-
thienyl)sulfonyl]-3-[(1-propylbutyl)sulfonyl]alaninate
hydrochloride
     (1R, 2S) - 1 - (\{[3 - (5 - acetyl - 2 -
thienyl)benzyl]amino}methyl)-2-amino-3-(3,5-
                                3-[(dipropylamino)carbonyl]-5-
difluorophenyl)propyl
methylbenzoate
      (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl
                                                       3 - [(sec-
butylamino) carbonyl] -5-methylbenzoate
     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl) -1-\{[(3-
ethylbenzyl)amino]methyl}propyl 3-(1,3-oxazol-2-yl)benzoate
hydrochloride
      (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
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ethylbenzyl)amino]methyl}propyl
                                          3-methyl-5-{[methyl(2-
 phenylethyl) amino] carbonyl }benzoate
      (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-({[3-(3,5-
 dimethylisoxazol-4-yl)benzyl]amino}methyl)propyl
                                                                3 -
 [(dipropylamino)carbonyl]-5-methylbenzoate
      (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
 ethylbenzyl)amino]methyl}propyl 3-methyl-5-{[methyl(prop-2-
 yn-1-yl)amino]carbonyl}benzoate
      (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
 ethylbenzyl)amino]methyl}propyl
                                                               3 -
 { [ethyl (methyl) amino] carbonyl}-5-methylbenzoate
      (1R, 2S) -2-amino-3-(3, 5-difluorophenyl) -1-\{[(3-
{[(dimethylamino)carbonyl]oxy}benzyl)amino]methyl}propyl
 [(dipropylamino)carbonyl]-5-methylbenzoate
      (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl
                                                               3 -
{ [benzyl (methyl) amino] carbonyl } -5-methylbenzoate
      (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl
                                                        3 - \{ [sec -
butyl (propyl) amino] carbonyl } -5-methylbenzoate
     (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-({[3-(4-
methyl-2-thienyl)benzyl]amino}methyl)propyl
                                                               3 -
[(dipropylamino)carbonyl]-5-methylbenzoate
     (1R, 2S) -2-amino-3-(3,5-difluorophenyl) -1-[({3-
[(methoxycarbonyl)(methyl)amino]benzyl}amino)methyl]propyl
3-[(dipropylamino)carbony1]-5-methylbenzoate
     (1R, 2S) - 2 - amino - 1 - ({[3 -
(trifluoromethyl)benzyl]amino}methyl)-3-(2,3,5-
trifluorophenyl)propyl
                                3-[(dipropylamino)carbonyl]-5-
methylbenzoate
     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl
                                                              3
[(diisobutylamino)carbonyl]-5-methylbenzoate
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(1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
                                                                                                                                                     3-methyl-5-\{[methyl(2-
ethylbenzyl)amino]methyl}propyl
pyridin-2-ylethyl)amino]carbonyl}benzoate
                    (1R, 2S) -2-amino-3-(3-fluoro-5-hydroxyphenyl)-1-{[(3-
methoxybenzyl)amino]methyl}propyl
                                                                                                                                                                                                                                   3 -
 [(dipropylamino)carbonyl]-5-methylbenzoate hydrochloride
                    (1R, 2S) -2-amino-3-(3-chloro-5-fluorophenyl) -1-{[(3-
                                                                                                                                                            3-(aminocarbonyl)-5-
methoxybenzyl)amino]methyl}propyl
 [(dipropylamino)carbonyl]benzoate
                    (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - \{ [(3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - diflu
                                                                                                                                     4-hydroxy-3-(pyrrolidin-1-
iodobenzyl)amino]methyl}propyl
ylcarbonyl) benzoate
                    (1R, 2S) - 2 - \text{amino} - 3 - (3, 5 - \text{difluorophenyl}) - 1 - \{ [(3 - 3) - 2 - \text{amino} - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3
ethylbenzyl)amino]methyl}propyl
                                                                                                                                                         5-oxo-D-prolyl-3-[(1-
propylbutyl)sulfonyl]alaninate hydrochloride
                     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-pyridin-
 4-ylbenzyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-
 5-methylbenzoate
                     (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-[({3-
  [(dimethylamino)sulfonyl]benzyl}amino)methyl]propyl
                                                                                                                                                                                                                                   3 -
  [(dipropylamino)carbonyl]-5-methylbenzoate
                     (1R, 2S) -2-amino-3-(3,5-difluorophenyl) -1-{ [(6-methoxy-
 1,2,3,4-tetrahydronaphthalen-1-yl)amino]methyl}propyl
  [(dipropylamino)carbonyl]-5-methylbenzoate
                     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
                                                                                                                                                N-(phenylacetyl)-3-[(1-
 ethylbenzyl)amino]methyl}propyl
 propylbutyl) sulfonyl] alaninate
                     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
  ethylbenzyl)amino]methyl}propyl 3-(azepan-1-ylcarbonyl)-5-
 methylbenzoate
                     (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-[({3-
  [(methoxycarbonyl)amino]benzyl}amino)methyl]propyl
                                                                                                                                                                                                                                   3 -
  [(dipropylamino)carbonyl]-5-methylbenzoate
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(1R, 2S) -2-amino-3-(3, 5-difluorophenyl) -1-\{[(3-
   ethylbenzyl)amino]methyl}propyl
                                                                                               5-oxo-L-prolyl-3-[(1-
   propylbutyl)sulfonyl]alaninate hydrochloride
               (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
   ethylbenzyl)amino]methyl}propyl 3-[(isobutylamino)carbonyl]
   5-methylbenzoate
              4-[((1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
  ethylbenzyl)amino]methyl}propyl)oxy]-4-oxo-3-{[(1-
  propylbuty1)sulfonyl]methyl}butanoic acid trifluoroacetate
              (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluo
  ethylbenzyl)amino]methyl}propyl
                                                                                                                                           3 -
   [methyl (methylsulfonyl) amino] benzoate
             N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
  hydroxybutyl] -N-(3-ethylbenzyl) -5-{[(2-
 \verb|hydroxyethyl| amino| sulfonyl| - N', N'-dipropylisophthalamide|
             N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
 hydroxybutyl]-5-ethynyl-N-[(2-isobutyl-1,3-thiazol-5-
 yl) methyl] - N', N' - dipropylisophthalamide
            N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
 hydroxybutyl]-5-ethynyl-N-(3-isopropylbenzyl)-N',N'-
 dipropylisophthalamide
            N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
 hydroxybutyl] -N-(3-isopropylbenzyl) -5-(1,3-oxazol-2-yl) -
 N', N'-dipropylisophthalamide
            N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-ethylbenzyl)-5-{[(2-hydroxy-1,1-
\verb|dimethylethyl| amino| sulfonyl| -N', N'- \verb|dipropylisophthalamide|
           N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-N-(3-ethylbenzyl)-5-(4-methyl-1,3-oxazol-2-
yl) -N', N' -dipropylisophthalamide
           N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
(1,3-oxazol-2-yl)-N',N'-dipropylisophthalamide
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N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-ethylbenzyl) -5-{[(3-
hydrochloride
            N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
\label{eq:hydroxybutyl} \verb| -5-methyl-N'|, N'-dipropyl-N-(3-)| \\
propylbenzyl) isophthalamide
            N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
\verb|hydroxybutyl| - N' - \verb|butyl-N- (3-ethylbenzyl) - N', 5-|\\
 dimethylisophthalamide
             N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
 \verb|hydroxybutyl|-5-ethynyl-N-(3-ethynylbenzyl)-N', N'-\\
 dipropylisophthalamide
             N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
 hydroxybutyl]-5-ethynyl-N-[(3-isobutylisoxazol-5-yl)methyl]-
  N', N'-dipropylisophthalamide
             N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
  hydroxybutyl] -5-[(dimethylamino)sulfonyl]-N-(3-ethylbenzyl)-
  N', N'-dipropylisophthalamide
              N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
  \label{eq:hydroxybutyl} \textbf{hydroxybutyl}] \textbf{-N-(3-ethylbenzyl)-5-(1,3-oxazol-2-yl)-N',N'-1}
  dipropylisophthalamide hydrochloride
              N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
  hydroxybutyl] -N-[3-(5-formyl-2-thienyl)benzyl]-5-methyl-
   N', N'-dipropylisophthalamide
               N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
   {\tt hydroxybutyl]-5-bromo-N-(3-iodobenzyl)-N',N'-}
   dipropylisophthalamide
               N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
   \label{eq:hydroxybutyl]-N-(3-ethylbenzyl)-5-([(1R)-2-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-hydroxy-1-h
   methylethyl] amino sulfonyl) - N', N' -dipropylisophthalamide
               N-[(2R, 3S)-3-amino-4-(3,5-difluorophenyl)-2-
   hydroxybutyl] -N-(3-isobutylbenzyl)-5-methyl-N', N'-
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dipropylisophthalamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-5-ethynyl-N', N'-dipropyl-N-[3-
(trifluoromethyl)benzyl]isophthalamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-ethylbenzyl) -3-{[(2R) -2-
(methoxymethyl)pyrrolidin-1-yl]carbonyl}-5-methylbenzamide
hydrochloride
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-ethylbenzyl) -5-({[(1S) -2-hydroxy-1-
methylethyl]amino}sulfonyl)-N', N'-dipropylisophthalamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] - N' - butyl - N- (3-ethylbenzyl) - 5-methyl - N' -
propylisophthalamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N', N' -dibutyl -N- (3-ethylbenzyl) -5-
methylisophthalamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-N-[3-(3-hydroxyprop-1-yn-1-yl)benzyl]-5-
methyl-N', N'-dipropylisophthalamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-ethylbenzyl) -5-{[(2S)-2-
(hydroxymethyl)pyrrolidin-1-yl]sulfonyl}-N',N'-
dipropylisophthalamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N' -butyl-N' -ethyl-N- (3-ethylbenzyl) -5-
methylisophthalamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybuty1] - N - (3 - ethynylbenzyl) - 5 - (1, 3 - oxazol - 2 - yl) - N', N' -
dipropylisophthalamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybuty1] - N' - cyclohexy1 - N - (3 - ethylbenzy1) - N', 5 -
dimethylisophthalamide
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N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-[3-(cyclopropylamino)benzyl]-5-ethynyl-
N', N'-dipropylisophthalamide
              N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-5-methyl-N', N'-dipropyl-N-[3-(3-
thienyl)benzyl]isophthalamide
               N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
\verb|hydroxybutyl| -5-(1,3-oxazol-2-yl)-N',N'-dipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdipropyl-N-[3-vdiprop
 (trifluoromethyl) benzyl] isophthalamide
               N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-ethylbenzyl)-5-(piperazin-1-ylsulfonyl)-
 N', N'-dipropylisophthalamide dihydrochloride
                N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
 hydroxybutyl] -N-[1-(3-iodophenyl)cyclopropyl]-5-methyl-
 N', N'-dipropylisophthalamide
                N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
 \verb|hydroxybutyl| -N- (3-sec-butylbenzyl) -5-methyl-N', N'-\\
  dipropylisophthalamide
                N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
  hydroxybutyl] -N-(3-ethylbenzyl) -5-(3-methylisoxazol-4-yl) -
  N' , N' -dipropylisophthalamide hydrochloride
                 N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
  hydroxybutyl] -N-[1-(3-isobutylisoxazol-5-yl)cyclopropyl]-5-
   (1,3-oxazol-2-yl)-N',N'-dipropylisophthalamide
                 N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
  hydroxybutyl] -N-[1-(3-ethylphenyl)cyclopropyl]-5-(1,3-ethylphenyl)cyclopropyl]-5-(1,3-ethylphenyl)cyclopropyl]-5-(1,3-ethylphenyl)cyclopropyl]-5-(1,3-ethylphenyl)cyclopropyl]-5-(1,3-ethylphenyl)cyclopropyl]-5-(1,3-ethylphenyl)cyclopropyl]-5-(1,3-ethylphenyl)cyclopropyl]-5-(1,3-ethylphenyl)cyclopropyl]-5-(1,3-ethylphenyl)cyclopropyl]-5-(1,3-ethylphenyl)cyclopropyl]-5-(1,3-ethylphenyl)cyclopropyl]-5-(1,3-ethylphenyl)cyclopropyl]-5-(1,3-ethylphenyl)cyclopropyl]-5-(1,3-ethylphenyl)cyclopropyl]-5-(1,3-ethylphenyl)cyclopropyl]-5-(1,3-ethylphenyl)cyclopropyl]-5-(1,3-ethylphenyl)cyclopropyl]-5-(1,3-ethylphenyl)cyclopropyl]-5-(1,3-ethylphenyl)cyclopropyl]-5-(1,3-ethylphenyl)cyclopropyl]-5-(1,3-ethylphenyl)cyclopropyl]-5-(1,3-ethylphenyl)cyclopropyl]-5-(1,3-ethylphenyl)cyclopropyl]-5-(1,3-ethylphenyl)cyclopropyl]-5-(1,3-ethylphenyl)cyclopropyl]-5-(1,3-ethylphenyl)cyclopropyl]-5-(1,3-ethylphenyl)cyclopropyl]-5-(1,3-ethylphenyl)cyclopropyl]-5-(1,3-ethylphenyl)cyclopropyl]-5-(1,3-ethylphenyl)cyclopropyl]-5-(1,3-ethylphenyl)cyclopropyl]-5-(1,3-ethylphenyl)cyclopropyll)cyclopropyll
   oxazol-2-yl)-N',N'-dipropylisophthalamide
                  N^4-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
   hydroxybutyl]-N^4-(3-ethylbenzyl)-6-methyl-N^2,N^2-
    dipropylpyridine-2,4-dicarboxamide
                  N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
   methyl-N'-propylisophthalamide
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N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-methoxybenzyl) -5-(1,3-oxazol-2-yl) -N', N'-
dipropylisophthalamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-[1-(3-ethynylphenyl)cyclopropyl]-5-(1,3-
oxazol-2-yl) - N', N'-dipropylisophthalamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-5-(aminosulfonyl)-N-(3-ethylbenzyl)-N',N'-
dipropylisophthalamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -5-methyl-N-{3-[(12)-prop-1-en-1-yl]benzyl}-
N', N'-dipropylisophthalamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N- (3-ethylbenzyl) -N', N'-dipropyl-5-(1H-
pyrazol-4-yl) isophthalamide hydrochloride
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-[1-(3-ethylphenyl)-1-methylethyl]-5-ethynyl-
N', N'-dipropylisophthalamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -5-methyl-N', N'-dipropyl-N-[3-
(trifluoromethyl)benzyl]isophthalamide
     N-(3-allylbenzyl)-N-[(2R,3S)-3-amino-4-(3,5-
difluorophenyl) -2-hydroxybutyl] -5-methyl-N', N'-
dipropylisophthalamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-[1-(3-ethylphenyl)cyclopropyl] -5-methyl-
N', N'-dipropylisophthalamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-[1-(3-ethylphenyl)-1-methylethyl]-5-(1,3-
oxazol-2-yl)-N',N'-dipropylisophthalamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybuty1] - N' - ethyl - N - (3 - ethylbenzyl) - 5 - methyl - N' -
propylisophthalamide
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N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
dipropylisophthalamide
    N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -5-ethynyl-N-[1-(3-ethynylphenyl)cyclopropyl]-
N', N'-dipropylisophthalamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
\label{eq:hydroxybutyl} \textbf{-N-} [1-(3-isobutylisoxazol-5-yl)cyclopropyl]-5-\\
methyl-N',N'-dipropylisophthalamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
\label{local-equation} \verb|hydroxybutyl|-N-[3-(5-formyl-4-methyl-2-thienyl)benzyl]-5-|
methyl-N',N'-dipropylisophthalamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
3,5-dicarboxamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
\label{lem:hydroxybutyl} \verb| -5-methyl-N- {3-[(methylsulfonyl)amino]benzyl} - \\
N', N'-dipropylisophthalamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N' -butyl-N- (3-ethylbenzyl) -5-
methylisophthalamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
 hydroxybutyl] -5-methyl-N-[3-(3-methylbutyl)benzyl] -N',N'-
 dipropylisophthalamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
 hydroxybutyl] -N-(biphenyl-3-ylmethyl)-5-methyl-N', N'-
 dipropylisophthalamide
      N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
 hydroxybutyl] -N-[1-(3-ethynylphenyl)cyclopropyl]-5-methyl-
 N', N'-dipropylisophthalamide
      N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
 hydroxybutyl]-N-(3-ethylbenzyl)-5-({[2-
 (methylamino) ethyl] amino sulfonyl) - N', N'-
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dipropylisophthalamide hydrochloride
                   N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-5-ethynyl-N-[1-(3-isobutylisoxazol-5-
yl) cyclopropyl] - N', N' -dipropylisophthalamide
                   N, N-\text{diallyl}-N'-[(2R,3S)-3-\text{amino}-4-(3,5-\text{difluorophenyl})-
2-hydroxybutyl]-N'-(3-ethylbenzyl)-5-methylisophthalamide
                   N-[(2R,3R)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-[1-(2-isobutyl-1,3-thiazol-5-
yl)cyclopropyl]-5-methyl-N', N'-dipropylisophthalamide
                   N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-[1-(3-ethylphenyl)-1-methylethyl]-5-methyl-
N', N'-dipropylisophthalamide
                   N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-\text{ethylbenzyl})-5-\{[(2-
hydroxyethyl)amino]sulfonyl}-N'-propylisophthalamide
                   N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-ethylbenzyl) -N',5-dimethyl-N'-
propylisophthalamide
                   N^{1}-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hvdroxvbutyl] - N^{1} - (3 - ethylbenzyl) - N^{2} - (phenylsulfonyl) - 3 - [(1 - ethylbenzyl)] - N^{2} - (phenylsulfonyl) - 3 - [(1 - ethylbenzyl)] - N^{2} - (phenylsulfonyl) - 3 - [(1 - ethylbenzyl)] - N^{2} - (phenylsulfonyl) - 3 - [(1 - ethylbenzyl)] - N^{2} - (phenylsulfonyl) - 3 - [(1 - ethylbenzyl)] - N^{2} - (phenylsulfonyl) - 3 - [(1 - ethylbenzyl)] - N^{2} - (phenylsulfonyl)] - N^{2} - (phenylsulfonyl) - N^{2} - (phenylsulfonyl)] - N^{2} - (phenylsulfonyl)] - N^{2} - (phenylsulfonyl) - N^{2} - (phenylsulfonyl)] - N^{2} - (phenylsulfonyl)] - N^{2} - (phenylsulfonyl)] - N^{2} - (phenylsulfonyl)] - N^{2} - (phenylsulfonyl)] - N^{2} - (phenylsulfonyl)] - N^{2} - (phenylsulfonyl)] - N^{2} - (phenylsulfonyl)] - N^{2} - (phenylsulfonyl)] - N^{2} - (phenylsulfonyl)] - N^{2} - (phenylsulfonyl)] - N^{2} - (phenylsulfonyl)] - N^{2} - (phenylsulfonyl)] - N^{2} - (phenylsulfonyl)] - N^{2} - (phenylsulfonyl)] - N^{2} - (phenylsulfonyl)] - N^{2} - (phenylsulfonyl)] - N^{2} - (phenylsulfonyl)] - N^{2} - (phenylsulfonyl)] - N^{2} - (phenylsulfonyl)] - N^{2} - (phenylsulfonyl)] - N^{2} - (phenylsulfonyl)] - N^{2} - (phenylsulfonyl)] - N^{2} - (phenylsulfonyl)] - N^{2} - (phenylsulfonyl)] - N^{2} - (phenylsulfonyl)] - N^{2} - (phenylsulfonyl)] - N^{2} - (phenylsulfonyl)] - N^{2} - (phenylsulfonyl)] - N^{2} - (phenylsulfonyl)] - N^{2} - (phenylsulfonyl)] - N^{2} - (phenylsulfonyl)] - N^{2} - (phenylsulfonyl)] - N^{2} - (phenylsulfonyl)] - N^{2} - (phenylsulfonyl)] - N^{2} - (phenylsulfonyl)] - N^{2} - (phenylsulfonyl)] - N^{2} - (phenylsulfonyl)] - N^{2} - (phenylsulfonyl)] - N^{2} - (phenylsulfonyl)] - N^{2} - (phenylsulfonyl)] - N^{2} - (phenylsulfonyl)] - N^{2} - (phenylsulfonyl)] - N^{2} - (phenylsulfonyl)] - N^{2} - (phenylsulfonyl)] - N^{2} - (phenylsulfonyl)] - N^{2} - (phenylsulfonyl)] - N^{2} - (phenylsulfonyl)] - N^{2} - (phenylsulfonyl)] - N^{2} - (phenylsulfonyl)] - N^{2} - (phenylsulfonyl)] - N^{2} - (phenylsulfonyl)] - N^{2} - (phenylsulfonyl)] - N^{2} - (phenylsulfonyl)] - N^{2} - (phenylsulfonyl)] - N^{2
propylbutyl)sulfonyl]alaninamide hydrochloride
                   N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybuty1] - N', N' - diethyl - N - (3 - ethylbenzyl) - 5 - (1, 3 - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - oxazol - ox
2-yl)isophthalamide
                   N^{1}-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N^2-[(benzylamino)carbonyl] -N^1-(3-ethylbenzyl) -
3-[(1-propylbutyl)sulfonyl]alaninamide
                                                                                                                                                                         trifluoroacetate
 (salt)
                   N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-5-methyl-N', N'-dipropyl-N-(3-pyridin-3-
ylbenzyl) isophthalamide
                   N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
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hydroxybutyl]-N-(3-ethylbenzyl)-N',N'-dipropylpyridine-3,5-
dicarboxamide 1-oxide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] - N' - ethyl - N - [3 - (3 - formyl - 2 - furyl) benzyl] - 5 -
methyl-N'-propylisophthalamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-ethylbenzyl)-5-(1-methyl-1H-imidazol-2-
yl)-N',N'-dipropylisophthalamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N', N'-diethyl-N-(3-ethylbenzyl)-5-
methylisophthalamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-[3-(ethylsulfinyl)benzyl]-5-methyl-N', N'-
dipropylisophthalamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -3-{[butyl(ethyl)amino]sulfonyl}-N-(3-
ethylbenzyl)propanamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-cyanobenzyl)-5-methyl-N',N'-
dipropylisophthalamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-ethylbenzyl)-3-[(1-
propylbutyl)sulfonyl]propanamide hydrochloride
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-ethylbenzyl) -N'-isobutyl-N', 5-
dimethylisophthalamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-5-methyl-N', N!-dipropyl-N-(3-pyridin-2-
ylbenzyl) isophthalamide
      N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-iodobenzyl)-2-[(methylsulfonyl)amino]-
 1,3-oxazole-4-carboxamide
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N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
 hydroxybutyl]-5-methyl-N-{3-
  [methyl (methylsulfonyl) amino] benzyl\}-N', N'-
 dipropylisophthalamide
             N^{1}-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
 hydroxybutyl] -N^1 - (3-ethylbenzyl) -N^2 - (3-phenylpropanoyl) -3-
  [(1-propylbutyl)sulfonyl]alaninamide trifluoroacetate (salt)
             N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
 dipropylisophthalamide
            N^{1}-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N^2-[(5-chloro-2-thienyl)sulfonyl] -N^1-(3-
 ethylbenzyl)-3-[(1-propylbutyl)sulfonyl]alaninamide
hydrochloride
            N-[3-(5-acetyl-2-thienyl)benzyl]-N-[(2R,3S)-3-amino-4-
 (3,5-difluorophenyl)-2-hydroxybutyl]-5-methyl-N', N'-
dipropylisophthalamide
            N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N' - (sec-butyl) -N- (3-ethylbenzyl) -5-
methylisophthalamide
            N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-ethylbenzyl)-3-(1,3-oxazol-2-yl)benzamide
hydrochloride
            N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-ethylbenzyl) -N',5-dimethyl-N'-(2-
phenylethyl) isophthalamide
            N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-[3-(3,5-dimethylisoxazol-4-yl)benzyl]-5-
methyl-N', N'-dipropylisophthalamide
            N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-ethylbenzyl) -N', 5-dimethyl-N'-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-prop-2-yn-pr
1-ylisophthalamide
            N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
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hydroxybutyl] -N'-ethyl-N-(3-ethylbenzyl)-N',5-
dimethylisophthalamide
     3-[([(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] {3-[(dipropylamino)carbonyl]-5-
methylbenzoyl}amino)methyl]phenyl dimethylcarbamate
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N' -benzyl -N- (3-ethylbenzyl) -N', 5-
dimethylisophthalamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N' - (sec-butyl) - N- (3-ethylbenzyl) - 5-methyl - N' -
propylisophthalamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -5-methyl-N-[3-(4-methyl-2-thienyl)benzyl]-
N', N'-dipropylisophthalamide
     methyl \{3-[([(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] {3-[(dipropylamino)carbonyl]-5-
methylbenzoyl amino) methyl] phenyl methylcarbamate
     N-[(2R,3S)-3-amino-2-hydroxy-4-(2,3,5-
trifluorophenyl)butyl]-5-methyl-N',N'-dipropyl-N-[3-
(trifluoromethyl)benzyl]isophthalamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-ethylbenzyl) -N', N'-diisobutyl-5-
methylisophthalamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-ethylbenzyl)-N',5-dimethyl-N'-(2-pyridin-
2-vlethyl) isophthalamide
     N-[(2R,3S)-3-amino-4-(3-fluoro-5-hydroxyphenyl)-2-
hydroxybutyl] -N-(3-methoxybenzyl)-5-methyl-N',N'-
dipropylisophthalamide hydrochloride
     N^{1}-[(2R,3S)-3-amino-4-(3-chloro-5-fluorophenyl)-2-
hydroxybutyl] -N^1-(3-methoxybenzyl) -N^3, N^3-dipropylbenzene-
1,3,5-tricarboxamide
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N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -4-hydroxy-N-(3-iodobenzyl)-3-(pyrrolidin-1-
ylcarbonyl) benzamide
     5-oxo-D-prolyl-N^1-[(2R,3S)-3-amino-4-(3,5-
difluorophenyl) -2-hydroxybutyl] -N^1-(3-ethylbenzyl) -3-[(1-
propylbutyl) sulfonyl] alaninamide hydrochloride
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -5-methyl-N', N'-dipropyl-N-(3-pyridin-4-
ylbenzyl) isophthalamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-{3-[(dimethylamino)sulfonyl]benzyl}-5-
methyl-N', N'-dipropylisophthalamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(6-methoxy-1,2,3,4-tetrahydronaphthalen-1-
yl)-5-methyl-N', N'-dipropylisophthalamide
     N^{1}-[(2R, 3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N^1 - (3-ethylbenzyl) -N^2 - (phenylacetyl) -3 - [(1-
propylbutyl) sulfonyl] alaninamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -3-(azepan-1-ylcarbonyl) -N-(3-ethylbenzyl) -5-
methylbenzamide
     methyl \{3-[((2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] {3-[(dipropylamino)carbonyl]-5-
methylbenzoyl}amino)methyl]phenyl}carbamate
     5-oxo-L-prolyl-N^1-[(2R,3S)-3-amino-4-(3,5-
difluorophenyl) -2-hydroxybutyl] -N^1-(3-ethylbenzyl) -3-[(1-
propylbutyl) sulfonyl] alaninamide hydrochloride
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-ethylbenzyl) -N'-isobutyl-5-
methylisophthalamide
     4-[[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] (3-ethylbenzyl)amino]-4-oxo-3-{[(1-
propylbutyl)sulfonyl]methyl}butanoic acid trifluoroacetate
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(salt)
                           N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-N-(3-ethylbenzyl)-3-
 [methyl (methylsulfonyl) amino] benzamide
                             (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
                                                                                                                                                                                                                                                                                                                                        3 -
ethylbenzyl)amino]methyl}propyl
{ [ethyl(isopropyl)amino]carbonyl}-5-methylbenzoate
                             (1R, 2S) -2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-
                                                                                                                                                                            3-[(dipropylamino)carbonyl]-5-
 (2-thienyl) propyl
methylbenzoate
                             (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
                                                                                                                                                                                                                                                                                                            3-{[(2-
ethylbenzyl) amino] methyl } propyl
hydroxyethyl) (propyl) amino] sulfonyl}propanoate
                              (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - \{ [(3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - diflu
                                                                                                                                                                                                                                                                                                                                         3 -
ethylbenzyl)amino]methyl}propyl
 { [isopropyl (methyl) amino] carbonyl}-5-methylbenzoate
                              (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
                                                                                                                                                                                                  2-[(methylsulfonyl)amino]-
 ethylbenzyl)amino]methyl}propyl
 1,3-thiazole-4-carboxylate
                               (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
 ethylbenzyl)amino]methyl}propyl
                                                                                                                                                                                                                                                                                                                                          3 -
  { [allyl(cyclopentyl)amino]carbonyl}-5-methylbenzoate
                               (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - \{ [(3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - amino - 3 - (3 - amino - 3 - amino - 3 - (3 - amino - 3 - amino - 3 - amino - 3 - (3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - (3 - amino - 3 - amino -
                                                                                                                                                                                                                                                                                                                   3 - [(3 -
 ethylbenzyl)amino]methyl}propyl
 methylbutyl) sulfonyl] propanoate
                               (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-({[3-(5-
 methyl-2-thienyl)benzyl]amino}methyl)propyl
                                                                                                                                                                                                                                                                                                                                          3 -
   [(dipropylamino)carbonyl]-5-methylbenzoate
                                (1R.2S) -2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-
                                                                                                                                                                                                                                     3-(aminocarbonyl)-5-
   (3-methoxyphenyl)propyl
    [(dipropylamino)carbonyl]benzoate
                                (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - \{ [(1 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluoropheny
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methylhexyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-
 5-methylbenzoate
               (1R, 2S) -2-amino-1-({[1-
 (aminocarbonyl) cyclohexyl] amino } methyl) -3-(3,5-
 difluorophenyl)propyl
                                                                                3-[(dipropylamino)carbonyl]-5-
 methylbenzoate
               (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(2E)-hex-2-
 en-1-ylamino]methyl}propyl 3-[(dipropylamino)carbonyl]-5-
 methylbenzoate
               (1R, 2S) - 2 - amino - 3 - (4 - fluorophenyl) - 1 - \{ [(3 - fluorophenyl) - 1 - (3 - fluorophenyl) - 1 - (3 - fluorophenyl) - (3 - fluorophenyl) - (3 - fluorophenyl) - (3 - fluorophenyl) - (3 - fluorophenyl) - (4 - fluorophenyl) - (3 - fluorophenyl) - (3 - fluorophenyl) - (4 - fluorophenyl) - (3 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fl
methoxybenzyl)amino]methyl}propyl
                                                                                                                                                         3 -
 [(dipropylamino)carbonyl]-5-methylbenzoate
              (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl
                                                                                                      3-hydroxyisoxazole-5-
carboxylate
              (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-[({3-[(1E)-
hex-1-en-1-yl]benzyl}amino)methyl]propyl
                                                                                                                                                        3 -
 [(dipropylamino)carbonyl]-5-methylbenzoate
              (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl
                                                                                                                                                        3 -
 [(isopropylamino)carbonyl]-5-methylbenzoate
              (1R, 2S) -2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-
 (2-thienyl) propyl
                                                                                                        3-(aminocarbonyl)-5-
[(dipropylamino)carbonyl]benzoate
             (1R, 2S) -2-amino-3-(3, 5-difluorophenyl) -1-\{[(3-
iodobenzyl) amino] methyl }propyl
                                                                                                                         [3-(2-amino-2-
oxoethoxy) phenyl] acetate
             (1R, 2S) -2-amino-3-(3-bromophenyl)-1-\{[(3-
methoxybenzyl)amino]methyl}propyl
                                                                                                                                                       3 -
[(dipropylamino)carbonyl]-5-methylbenzoate
             (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(2-
ethylhexyl)amino]methyl}propyl
                                                                                  3-[(dipropylamino)carbonyl]-
5-methylbenzoate
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(1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-({[3-(6-
methoxypyridin-3-yl)benzyl]amino}methyl)propyl
                                                             3 -
[(dipropylamino)carbonyl]-5-methylbenzoate
     (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-({[3-(2,4-
dimethoxypyrimidin-5-yl)benzyl]amino}methyl)propyl
                                                             3 -
[(dipropylamino)carbonyl]-5-methylbenzoate
     (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
ethylbenzyl)amino]methyl}propyl 3-(2-ethylbutanoyl)benzoate
     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl
                                    3-[(4-hydroxypiperidin-1-
yl)carbonyl]-5-methylbenzoate
     (1R, 2S) -2-amino-3-(3-bromophenyl)-1-\{[(3-
methoxybenzyl)amino]methyl}propyl
                                          3-(aminocarbonyl)-5-
[(dipropylamino)carbonyl]benzoate
     (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
                                                         4-[2'
iodobenzyl) amino] methyl } propyl
(aminocarbonyl)biphenyl-4-yl]-4-oxobutanoate
     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
                                     3-[(3-hydroxypiperidin-1-
ethylbenzyl)amino]methyl}propyl
yl)carbonyl]-5-methylbenzoate
      (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-hydroxy-
1-phenylpropyl)amino]methyl}propyl
                                                             3 -
[(dipropylamino)carbonyl]-5-methylbenzoate
      (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
ethylbenzyl) amino] methyl propyl
(dimethylamino)ethyl](ethyl)amino]carbonyl}-5-methylbenzoate
      (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
ethylbenzyl)amino]methyl}propyl 4-methyl-4H,6H-pyrrolo[1,2-
a] [4,1]benzoxazepine-4-carboxylate
      (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
ethylbenzyl)amino]methyl}propyl (5-acetyl-2-thienyl)acetate
      (1R, 2S) -2-amino-3-(3,5-dichlorophenyl)-1-{[(3-
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methoxybenzyl)amino]methyl}propyl
                                                                                                                                                                                                                                                                                                 3-(aminocarbonyl)-5-
       [(dipropylamino)carbonyl]benzoate
                                         (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
      ethylbenzyl)amino]methyl}propyl
                                                                                                                                                                                                                                                                                                                                                                                                                                 3 -
      [(diisopropylamino)carbonyl]-5-methylbenzoate
                                        (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - \{ [(3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - diflu
    ethylbenzyl)amino]methyl}propyl
                                                                                                                                                                                                                                                                                                                                                                                                                                3.
      [(methylsulfonyl)amino]benzoate
                                       (1R, 2S) -2-amino-3-(4-chlorophenyl)-1-\{[(3-
   methoxybenzyl)amino]methyl}propyl
                                                                                                                                                                                                                                                                                              3-(aminocarbonyl)-5-
      [(dipropylamino)carbonyl]benzoate
                                       (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluo
   iodobenzyl)amino]methyl}propyl
                                                                                                                                                                                                                                                                                 [4-(2-oxopyrrolidin-1-
   yl) phenyl] acetate
                                       (1R, 2S) -2-amino-3-(3-chloro-5-fluorophenyl)-1-\{[(3-
   methoxybenzyl)amino]methyl}propyl
                                                                                                                                                                                                                                                                                                                                                                                                                              3 -
   [(dipropylamino)sulfonyl]propanoate
                                       (1R, 2S) -2-amino-3-(3-chloro-5-fluorophenyl)-1-{[(3-
  methylbutyl)amino]methyl}propyl
                                                                                                                                                                                                                                                                                           3-(aminocarbonyl)-5-
   [(dipropylamino)carbonyl]benzoate
                                      (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
 ethylbenzyl)amino]methylpropyl 3-{[(1-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-4-methyl-1H-imidazol-1-methyl-1H-imidazol-4-methyl-1H-imidazol-1-methyl-1H-imidazol-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-methyl-1-me
 yl) sulfonyl] amino} benzoate trihydrochloride
                                      (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-
   [(pentylamino)methyl]propyl 3-[(dipropylamino)carbonyl]-5-
 methylbenzoate
                                      (1R, 2S) - 2 - amino - 3 - (4 - fluorophenyl) - 1 - \{ [(3 - fluorophenyl) - 1 - (3 - fluorophenyl) - 1 - (3 - fluorophenyl) - (3 - fluorophenyl) - (3 - fluorophenyl) - (3 - fluorophenyl) - (3 - fluorophenyl) - (4 - fluorophenyl) - (3 - fluorophenyl) - (3 - fluorophenyl) - (4 - fluorophenyl) - (3 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fluorophenyl) - (4 - fl
methoxybenzyl)amino]methyl}propyl
                                                                                                                                                                                                                                                                                      3-(aminocarbonyl)-5-
   [(dipropylamino)carbonyl]benzoate
                                    (1R, 2S) -2-amino-1-[(benzylamino)methyl]-3-(3-chloro-5-
 fluorophenyl)propyl
                                                                                                                                                                                                                     3-[(dipropylamino)carbonyl]-5-
methylbenzoate
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(1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
                                                                                                                                               3 -
ethylbenzyl)amino]methyl}propyl
{ [cyclohexyl (ethyl) amino] carbonyl}-5-methylbenzoate
            (1R, 2S) -2-amino-3-(3,5-difluorophenyl) -1-({[2-({[(2,4-
difluorophenyl)amino]carbonyl}oxy)ethyl]amino}methyl)propyl
3-[(dipropylamino)carbonyl]-5-methylbenzoate
            (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
                                                                                                                         3 - \{ [(2S) - 2 -
ethylbenzyl) amino] methyl propyl
(methoxymethyl)pyrrolidin-1-yl]carbonyl}-5-methylbenzoate
hydrochloride
            (1R, 2S) -2-amino-3-(3-fluoro-4-methylphenyl)-1-{[(3-
methoxybenzyl)amino]methyl}propyl
                                                                                                  3-(aminocarbonyl)-5-
 [(dipropylamino)carbonyl]benzoate
             (1R, 2S) - 2 - amino - 3 - (3 - bromophenyl) - 1 - { [(3 - amino - 3 - (3 - bromophenyl) - 1 - (3 - amino - 3 - (3 - bromophenyl) - (3 - amino - 3 - (3 - bromophenyl) - (3 - amino - 3 - (3 - bromophenyl) - (3 - amino - 3 - (3 - bromophenyl) - (3 - amino - 3 - (3 - bromophenyl) - (3 - amino - 3 - (3 - bromophenyl) - (3 - amino - 3 - (3 - bromophenyl) - (3 - amino - 3 - (3 - bromophenyl) - (3 - amino - 3 - (3 - bromophenyl) - (3 - amino - 3 - (3 - bromophenyl) - (3 - amino - 3 - (3 - bromophenyl) - (3 - amino - 3 - (3 - bromophenyl) - (3 - amino - 3 - (3 - bromophenyl) - (3 - amino - 3 - (3 - bromophenyl) - (3 - amino - 3 - (3 - bromophenyl) - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - amino - 3 - (3 - amino - 3 - amino - 3 - (3 - amino - 3 - amino - 3 - amino - 3 - (3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - (3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3
                                                                                                   3-(aminocarbonyl)-5-
methylbutyl)amino]methyl}propyl
 [(dipropylamino)carbonyl]benzoate
             (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
ethylbenzyl)amino]methyl}propyl
                                                                                         2,8-dimethylquinoline-3-
carboxylate
             (1R, 2S) -2-amino-3-(3,5-difluorophenyl) -1-{[(6-
                                                                                                                                                3 -
hydroxyhexyl) amino] methyl } propyl
 [(dipropylamino)carbonyl]-5-methylbenzoate
             (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-(\{(2R) -2-
                                                                                                                                                3 -
hydroxypropyl]amino}methyl)propyl
 [(dipropylamino)carbonyl]-5-methylbenzoate
             (1R, 2S) -2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-
 phenylpropyl 3-[(1-propylbutyl)sulfonyl]propanoate
             (1R, 2S) - 2-amino-3-(3,5-difluorophenyl) -1-{[(3-
                                                                                                      3 - \{ [(2-hydroxy-1, 1-
 ethylbenzyl)amino]methyl}propyl
 dimethylethyl)amino]sulfonyl}benzoate
              (1R, 2S) -2-amino-3-(3,5-difluorophenyl) -1-{[(4-
 phenylbutyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-
 5-methylbenzoate
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(1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
  iodobenzyl) amino] methyl }propyl
                                                                                             7-(1H-imidazol-1-yl)-5,6-
  dihydronaphthalene-2-carboxylate
                (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
  ethylbenzyl)amino]methyl}propyl
                                                                                                               3-(acetylamino)-4-
  methylbenzoate
               (1R, 2S) - 2 - amino - 1 - (\{[2 -
  (aminosulfonyl)ethyl]amino}methyl)-3-(3,5-
 difluorophenyl)propyl
                                                                               3-[(dipropylamino)carbonyl]-5-
 methylbenzoate
               (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-({[2-
  (ethylthio) ethyl] amino}methyl) propyl
                                                                                                                                                       3 -
  [(dipropylamino)carbonyl]-5-methylbenzoate
               (1R, 2S) - 2 - amino - 3 - cyclohexyl - 1 - \{ [(3 -
 methoxybenzyl)amino]methyl}propyl
                                                                                                                                                       3 -
 [(dipropylamino)carbonyl]-5-methylbenzoate
              (1R, 2S) -2-amino-1-{[benzyl(cyanomethyl)amino]methyl}-3-
 (3,5-difluorophenyl)propyl
                                                                              3-[(dipropylamino)carbonyl]-5-
 methylbenzoate
              (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - \{ [(2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - diflu
 hydroxypropyl)amino]methyl}propyl
                                                                                                                                                       3 -
 [(dipropylamino)carbonyl]-5-methylbenzoate
              (1R, 2S) -2-amino-1-{[(3-butoxypropyl)amino]methyl}-3-
 (3,5-difluorophenyl)propyl
                                                                              3-[(dipropylamino)carbonyl]-5-
methylbenzoate
              (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl) amino] methyl } propyl
                                                                                                                                    3-{[2-(2-
hydroxyethyl)piperidin-1-yl]carbonyl}-5-methylbenzoate
              (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl
                                                                                                                    3-(1-hydroxy-2-
propylpentyl) benzoate
             (1R, 2S) -2-amino-1-[(benzylamino)methyl]-3-(3-chloro-5-
fluorophenyl)propyl
                                                                                                       3-(aminocarbonyl)-5-
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[(dipropylamino)carbonyl]benzoate
(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
ethylbenzyl)amino]methyl}propyl 4-
[(methylsulfonyl)amino]butanoate trifluoroacetate
(1R, 2S) -2-amino-1-({[3-(1-benzothien-2-
yl)benzyl]amino}methyl)-3-(3,5-difluorophenyl)propyl 3-
[(dipropylamino)carbonyl]-5-methylbenzoate
(1R, 2S) -2-amino-3-(3,5-difluorophenyl) -1-{[(3-
ethylbenzyl)amino]methyl}propyl 3-(benzyloxy)isoxazole-5-
carboxylate
(1R,2S)-2-amino-1-{[(cyclopropylmethyl)amino]methyl}-3-
(3,5-difluorophenyl)propyl N-[(benzyloxy)carbonyl]-3-[(1-
propylbutyl)sulfonyl]alaninate trifluoroacetate
(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
ethylbenzyl)amino]methyl}propyl 5-(1H-pyrazol-1-
yl)pentanoate
(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
ethylbenzyl)amino]methyl}propyl 1-(2-furylmethyl)-5-
oxopyrrolidine-3-carboxylate
$(1R,2S)$ -2-amino-1- $\{[(3-methoxybenzyl)amino]methyl\}$ -3-
phenylpropyl 2-ethylhexanoate hydrochloride
(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(5-
hydroxypentyl)amino]methyl}propyl 3-
[(dipropylamino)carbonyl]-5-methylbenzoate
(1R, 2S) -2-amino-3-(3,5-difluorophenyl) -1-{[(3-
methoxybenzyl)amino]methyl}propyl 3-
[(dipropylamino)carbonyl]piperidine-1-carboxylate
(1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
methoxybenzyl)amino]methyl}propyl 3-
[(diethylamino)carbonyl]piperidine-1-carboxylate
(1R, 2S) -2-amino-3-(pentafluorophenyl)-1-({[3-
<u>-</u>

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[(dipropylamino)carbonyl]benzoate
                      (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
 ethylbenzyl)amino]methyl}propyl
  [(methylsulfonyl)amino]benzoate
                     (1R, 2S) - 2 - amino - 3 - (3 - bromophenyl) - 1 - \{ [(3 - amino - 3 - (3 - bromophenyl) - 1 - (3 - amino - 3 - (3 - bromophenyl) - (3 - amino - 3 - (3 - bromophenyl) - (3 - amino - 3 - (3 - bromophenyl) - (3 - amino - 3 - (3 - bromophenyl) - (3 - amino - 3 - (3 - bromophenyl) - (3 - amino - 3 - (3 - bromophenyl) - (3 - amino - 3 - (3 - bromophenyl) - (3 - amino - 3 - (3 - bromophenyl) - (3 - amino - 3 - (3 - bromophenyl) - (3 - amino - 3 - (3 - bromophenyl) - (3 - amino - 3 - (3 - bromophenyl) - (3 - amino - 3 - (3 - bromophenyl) - (3 - amino - 3 - (3 - bromophenyl) - (3 - amino - 3 - (3 - bromophenyl) - (3 - amino - 3 - (3 - bromophenyl) - (3 - amino - 3 - (3 - bromophenyl) - (3 - amino - 3 - (3 - bromophenyl) - (3 - amino - 3 - (3 - bromophenyl) - (3 - amino - 3 - amino - 3 - (3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - a
 methoxybenzyl)amino]methyl}propyl
                                                                                                                                                                                                                                        3 -
  [(dipropylamino)sulfonyl]propanoate
                     (1R, 2S) -2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-
  (2-thienyl) propyl 3-[(dipropylamino) sulfonyl] propanoate
                     (1R, 2S) - 2-amino-3-(3,5-difluorophenyl) -1-{[(3-
 ethoxypropyl)amino]methyl}propyl
                                                                                                                                                                                                                                       3 -
  [(dipropylamino)carbonyl]-5-methylbenzoate
                     (1R, 2S) -2-amino-1-[(benzylamino)methyl]-3-(2-
thienyl)propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate
                     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl
                                                                                                                                                                                              2-hydroxy-4
 (phenylsulfonyl)butanoate hydrochloride
                     (1R, 2S) - 2 - amino - 3 - (3, 5 - dichlorophenyl) - 1 - \{ [(3 - amino - 3 - (3, 5 - dichlorophenyl) - 1 - (3, 5 - dichlorophenyl) - (3, 5 - dichlorophenyl) - (3, 5 - dichlorophenyl) - (3, 5 - dichlorophenyl) - (3, 5 - dichlorophenyl) - (3, 5 - dichlorophenyl) - (3, 5 - dichlorophenyl) - (3, 5 - dichlorophenyl) - (3, 5 - dichlorophenyl) - (3, 5 - dichlorophenyl) - (3, 5 - dichlorophenyl) - (3, 5 - dichlorophenyl) - (3, 5 - dichlorophenyl) - (3, 5 - dichlorophenyl) - (3, 5 - dichlorophenyl) - (3, 5 - dichlorophenyl) - (3, 5 - dichlorophenyl) - (3, 5 - dichlorophenyl) - (3, 5 - dichlorophenyl) - (3, 5 - dichlorophenyl) - (3, 5 - dichlorophenyl) - (3, 5 - dichlorophenyl) - (3, 5 - dichlorophenyl) - (3, 5 - dichlorophenyl) - (3, 5 - dichlorophenyl) - (3, 5 - dichlorophenyl) - (3, 5 - dichlorophenyl) - (3, 5 - dichlorophenyl) - (3, 5 - dichlorophenyl) - (3, 5 - dichlorophenyl) - (3, 5 - dichlorophenyl) - (3, 5 - dichlorophenyl) - (3, 5 - dichlorophenyl) - (3, 5 - dichlorophenyl) - (3, 5 - dichlorophenyl) - (3, 5 - dichlorophenyl) - (3, 5 - dichlorophenyl) - (3, 5 - dichlorophenyl) - (3, 5 - dichlorophenyl) - (3, 5 - dichlorophenyl) - (3, 5 - dichlorophenyl) - (3, 5 - dichlorophenyl) - (3, 5 - dichlorophenyl) - (3, 5 - dichlorophenyl) - (3, 5 - dichlorophenyl) - (3, 5 - dichlorophenyl) - (3, 5 - dichlorophenyl) - (3, 5 - dichlorophenyl) - (3, 5 - dichlorophenyl) - (3, 5 - dichlorophenyl) - (3, 5 - dichlorophenyl) - (3, 5 - dichlorophenyl) - (3, 5 - dichlorophenyl) - (3, 5 - dichlorophenyl) - (3, 5 - dichlorophenyl) - (3, 5 - dichlorophenyl) - (3, 5 - dichlorophenyl) - (3, 5 - dichlorophenyl) - (3, 5 - dichlorophenyl) - (3, 5 - dichlorophenyl) - (3, 5 - dichlorophenyl) - (3, 5 - dichlorophenyl) - (3, 5 - dichlorophenyl) - (3, 5 - dichlorophenyl) - (3, 5 - dichlorophenyl) - (3, 5 - dichlorophenyl) - (3, 5 - dichlorophenyl) - (3, 5 - dichlorophenyl) - (3, 5 - dichlorophenyl) - (3, 5 - dichlorophenyl) - (3, 5 - dichlorophenyl) - (3, 5 - dichlorophenyl) - (3, 5 - dichlorophenyl) - (3, 5 - dichlorophenyl) - (3, 5 - dichl
methylbutyl)amino]methyl}propyl
                                                                                                                                                              3-(aminocarbonyl)-5-
 [(dipropylamino)carbonyl]benzoate
                     (1R, 2S) -2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-
 [3-(trifluoromethoxy)phenyl]propyl
                                                                                                                                                              3-(aminocarbonvl).-5-
 [(dipropylamino)carbonyl]benzoate
                   N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-N'-ethyl-N-(3-ethylbenzyl)-N'-isopropyl-5-
methylisophthalamide
                   N-[(2R,3S)-3-amino-2-hydroxy-4-(2-thienyl)butyl]-N-(3-
methoxybenzyl)-5-methyl-N', N'-dipropylisophthalamide
                   N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-ethylbenzyl) -3-{[(2-
hydroxyethyl) (propyl) amino] sulfonyl propanamide
                   N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
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hydroxybutyl] -N-(3-ethylbenzyl) -N'-isopropyl-N',5-
dimethylisophthalamide
             N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-ethylbenzyl) -2-[(methylsulfonyl)amino] -
1,3-thiazole-4-carboxamide
             N-\text{allyl}-N'-[(2R,3S)-3-\text{amino}-4-(3,5-\text{difluorophenyl})-2-
hydroxybutyl] -N-cyclopentyl-N'-(3-ethylbenzyl)-5-
methylisophthalamide
             N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-ethylbenzyl)-3-[(3-
methylbutyl) sulfonyl]propanamide
             hydroxybuty1] - 5 - methyl - N - [3 - (5 - methyl - 2 - thienyl) benzyl] -
N', N'-dipropylisophthalamide
            N^{1}-[(2R,3S)-3-amino-2-hydroxy-4-(3-
methoxyphenyl) butyl] -N^1 - (3-methoxybenzyl) -N^3, N^3 -
dipropylbenzene-1,3,5-tricarboxamide
             N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -5-methyl-N-(1-methylhexyl) -N', N'-
dipropylisophthalamide
             N-[1-(aminocarbonyl)cyclohexyl]-N-[(2R,3S)-3-amino-4-
 (3,5-difluorophenyl)-2-hydroxybutyl]-5-methyl-N',N'-
dipropylisophthalamide
             N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] - N - [(2E) - hex - 2 - en - 1 - yl] - 5 - methyl - N', N' - 1 - 1 - yl] - 5 - methyl - N', N' - 1 - yl] - 5 - methyl - N', N' - 1 - yl] - 5 - methyl - N', N' - 1 - yl] - 5 - methyl - N', N' - 1 - yl] - 5 - methyl - N', N' - 1 - yl] - 5 - methyl - N', N' - 1 - yl] - 5 - methyl - N', N' - 1 - yl] - 5 - methyl - N', N' - 1 - yl] - 5 - methyl - N', N' - 1 - yl] - 5 - methyl - N', N' - 1 - yl] - 5 - methyl - N', N' - 1 - yl] - 5 - methyl - N', N' - 1 - yl] - 5 - methyl - N', N' - 1 - yl] - 5 - methyl - N', N' - 1 - yl] - 5 - methyl - N', N' - 1 - yl] - 5 - methyl - N', N' - 1 - yl] - 5 - methyl - N', N' - 1 - yl] - 5 - methyl - N', N' - 1 - yl] - 5 - methyl - N', N' - 1 - yl] - 5 - methyl - N', N' - 1 - yl] - 5 - methyl - N', N' - 1 - yl] - 5 - methyl - N', N' - 1 - yl] - 5 - methyl - N', N' - 1 - yl] - 5 - methyl - N', N' - 1 - yl] - 5 - methyl - N', N' - 1 - yl] - 5 - methyl - N', N' - 1 - yl] - 5 - methyl - N', N' - 1 - yl] - 5 - methyl - N', N' - 1 - yl] - 5 - methyl - N', N' - 1 - yl] - yl] - 5 - methyl - N', N' - 1 - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] - yl] -
dipropylisophthalamide
             N-[(2R,3S)-3-amino-4-(4-fluorophenyl)-2-hydroxybutyl]-
N-(3-methoxybenzyl)-5-methyl-N', N'-dipropylisophthalamide
             N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-N-(3-ethylbenzyl)-3-hydroxyisoxazole-5-
carboxamide
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N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
 hydroxybutyl] -N-{3-[(1E)-hex-1-en-1-yl]benzyl}-5-methyl-
 N', N'-dipropylisophthalamide
      N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-N-(3-ethylbenzyl)-N'-isopropyl-5-
methylisophthalamide
     N^{1}-[(2R,3S)-3-amino-2-hydroxy-4-(2-thienyl)butyl]-N^{1}-(3-
methoxybenzyl) -N^3, N^3-dipropylbenzene-1,3,5-tricarboxamide
      2-(3-{2-[[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] (3-iodobenzyl)amino]-2-
oxoethyl } phenoxy) acetamide
     N-[(2R,3S)-3-amino-4-(3-bromophenyl)-2-hydroxybutyl]-N-
 (3-methoxybenzyl)-5-methyl-N', N'-dipropylisophthalamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
\label{eq:hydroxybutyl} \mbox{-N-(2-ethylhexyl)-5-methyl-$N',$N'-$}
dipropylisophthalamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-N-[3-(6-methoxypyridin-3-yl)benzyl]-5-methyl-
N', N'-dipropylisophthalamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-[3-(2,4-dimethoxypyrimidin-5-yl)benzyl]-5-
methyl-N', N'-dipropylisophthalamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-ethylbenzyl)-3-(2-ethylbutanoyl)benzamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-N-(3-ethylbenzyl)-3-[(4-hydroxypiperidin-1-
yl)carbonyl]-5-methylbenzamide
     N^{1}-[(2R,3S)-3-amino-4-(3-bromophenyl)-2-hydroxybutyl]-
N^{1}-(3-methoxybenzyl)-N^{3}, N^{3}-dipropylbenzene-1,3,5-
tricarboxamide
     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
iodobenzyl) amino] methyl } propyl
                                                         4-[2]
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(aminocarbonyl)biphenyl-4-yl]-4-oxobutanoate
            1-(3-{[[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] (3-ethylbenzyl)amino]carbonyl}-5-
methylbenzoyl)-L-prolinamide
            N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-ethylbenzyl) -3-[(3-hydroxypiperidin-1-1)]
yl)carbonyl]-5-methylbenzamide
            N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-hydroxy-1-phenylpropyl) -5-methyl-N', N'-
dipropylisophthalamide
            N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] - N' - [2 - (dimethylamino) ethyl] - N' - ethyl - N - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N) - (3 - N
ethylbenzyl)-5-methylisophthalamide
            N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-N-(3-ethylbenzyl)-4-methyl-4H,6H-pyrrolo[1,2-
 a] [4,1]benzoxazepine-4-carboxamide
             2-(5-acetyl-2-thienyl)-N-[(2R,3S)-3-amino-4-(3,5-acetyl-2-thienyl)]
 difluorophenyl) -2-hydroxybutyl] -N-(3-ethylbenzyl)acetamide
             N^{1}-[(2R,3S)-3-amino-4-(3,5-dichlorophenyl)-2-
 hydroxybutyl] -N^1 - (3-methoxybenzyl) -N^3, N^3 -dipropylbenzene-
 1,3,5-tricarboxamide
             N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
 hydroxybutyl]-N-(3-ethylbenzyl)-N',N'-diisopropyl-5-
 methylisophthalamide
             N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
 hydroxybutyl]-N-(3-ethylbenzyl)-3-
  [(methylsulfonyl)amino]benzamide
              N^{1}-[(2R,3S)-3-amino-4-(4-chlorophenyl)-2-hydroxybutyl]-
 N^{1}-(3-methoxybenzyl)-N^{3}, N^{3}-dipropylbenzene-1,3,5-
 tricarboxamide
              N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
 hydroxybutyl] -N-(3-iodobenzyl) -2-[4-(2-oxopyrrolidin-1-
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yl)phenyl]acetamide
             N-[(2R,3S)-3-amino-4-(3-chloro-5-fluorophenyl)-2-
 hydroxybutyl] -3-[(dipropylamino)sulfonyl]-N-(3-
 methoxybenzyl) propanamide
             N^{1}-[(2R,3S)-3-amino-4-(3-chloro-5-fluorophenyl)-2-
 hydroxybutyl] -N^{1} - (3-methylbutyl) -N^{3}, N^{3} -dipropylbenzene-1, 3, 5-
 tricarboxamide
             N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
 hydroxybutyl] - N - (3-ethylbenzyl) - 3 - { [(1-methyl-1H-imidazol-4-mydroxybutyl] - N - (3-ethylbenzyl) - 3 - { [(1-methyl-1H-imidazol-4-mydroxybutyl] - N - (3-ethylbenzyl) - 3 - { [(1-methyl-1H-imidazol-4-mydroxybutyl] - N - (3-ethylbenzyl) - 3 - { [(1-methyl-1H-imidazol-4-mydroxybutyl] - N - (3-ethylbenzyl) - 3 - { [(1-methyl-1H-imidazol-4-mydroxybutyl] - N - (3-ethylbenzyl) - 3 - { [(1-methyl-1H-imidazol-4-mydroxybutyl] - N - (3-ethylbenzyl) - 3 - { [(1-methyl-1H-imidazol-4-mydroxybutyl] - N - (3-ethylbenzyl) - 3 - { [(1-methyl-1H-imidazol-4-mydroxybutyl] - N - (3-ethylbenzyl) - 3 - { [(1-methyl-1H-imidazol-4-mydroxybutyl] - N - (3-ethylbenzyl) - 3 - { [(1-methyl-1H-imidazol-4-mydroxybutyl] - N - (3-ethylbenzyl) - 3 - { [(1-methyl-1H-imidazol-4-mydroxybutyl] - N - (3-ethylbenzyl) - (3-ethylbenzyl) - (3-ethylbenzyl) - (3-ethylbenzyl) - (3-ethylbenzyl) - (3-ethylbenzyl) - (3-ethylbenzyl) - (3-ethylbenzyl) - (3-ethylbenzyl) - (3-ethylbenzyl) - (3-ethylbenzyl) - (3-ethylbenzyl) - (3-ethylbenzyl) - (3-ethylbenzyl) - (3-ethylbenzyl) - (3-ethylbenzyl) - (3-ethylbenzyl) - (3-ethylbenzyl) - (3-ethylbenzyl) - (3-ethylbenzyl) - (3-ethylbenzyl) - (3-ethylbenzyl) - (3-ethylbenzyl) - (3-ethylbenzyl) - (3-ethylbenzyl) - (3-ethylbenzyl) - (3-ethylbenzyl) - (3-ethylbenzyl) - (3-ethylbenzyl) - (3-ethylbenzyl) - (3-ethylbenzyl) - (3-ethylbenzyl) - (3-ethylbenzyl) - (3-ethylbenzyl) - (3-ethylbenzyl) - (3-ethylbenzyl) - (3-ethylbenzyl) - (3-ethylbenzyl) - (3-ethylbenzyl) - (3-ethylbenzyl) - (3-ethylbenzyl) - (3-ethylbenzyl) - (3-ethylbenzyl) - (3-ethylbenzyl) - (3-ethylbenzyl) - (3-ethylbenzyl) - (3-ethylbenzyl) - (3-ethylbenzyl) - (3-ethylbenzyl) - (3-ethylbenzyl) - (3-ethylbenzyl) - (3-ethylbenzyl) - (3-ethylbenzyl) - (3-ethylbenzyl) - (3-ethylbenzyl) - (3-ethylbenzyl) - (3-ethylbenzyl) - (3-ethylbenzyl) - (3-ethylbenzyl) - (3-ethylbenzyl) - (3-ethylbenzyl) - (3-ethylbenzyl) - (3-ethylbenzyl) - (3-ethylbenzyl) - (3-ethylbenzyl) - (3-ethylbenzyl) - (3-ethylbenzyl) - (3-ethylbenzyl) - (3-ethylbenzyl) - (3-ethylbenzyl) - (3-et
 yl)sulfonyl]amino}benzamide trihydrochloride
             N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
 hydroxybutyl]-5-methyl-N-pentyl-N', N'-dipropylisophthalamide
             N^{1}-[(2R,3S)-3-amino-4-(4-fluorophenyl)-2-hydroxybutyl]-
N^{1}-(3-methoxybenzyl)-N^{3}, N^{3}-dipropylbenzene-1,3,5-
 tricarboxamide
             N-[(2R,3S)-3-amino-4-(3-chloro-5-fluorophenyl)-2-
hydroxybutyl] - N-benzyl-5-methyl-N', N'-dipropylisophthalamide
             N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N' -cyclohexyl-N' -ethyl-N- (3-ethylbenzyl) -5-
methylisophthalamide
             2-([(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] {3-[(dipropylamino)carbonyl]-5-
methylbenzoyl}amino)ethyl (2,4-difluorophenyl)carbamate
            N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-ethylbenzyl) -3-{[(2S) -2-
 (methoxymethyl)pyrrolidin-1-yl]carbonyl}-5-methylbenzamide
hydrochloride
            N^1-[(2R,3S)-3-amino-4-(3-fluoro-4-methylphenyl)-2-
hydroxybutyl] -N^1 - (3-methoxybenzyl) -N^3, N^3 -dipropylbenzene-
1,3,5-tricarboxamide
            N^{1}-[(2R,3S)-3-amino-4-(3-bromophenyl)-2-hydroxybutyl]-
N^{1}-(3-methylbutyl)-N^{3}, N^{3}-dipropylbenzene-1,3,5-tricarboxamide
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N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
\label{lem:hydroxybutyl]-N-(3-ethylbenzyl)-2,8-dimethylquinoline-3-} \\
carboxamide
            N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] - N - (6 - hydroxyhexyl) - 5 - methyl - N', N' -
dipropylisophthalamide
             N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
dipropylisophthalamide
             N-[(2R,3S)-3-amino-2-hydroxy-4-phenylbutyl]-N-(3-max)
methoxybenzyl)-3-[(1-propylbutyl)sulfonyl]propanamide
             N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-ethylbenzyl) -3-{[(2-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1-hydroxy-1,1
 dimethylethyl) amino] sulfonyl}benzamide
             N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
 hydroxybutyl]-5-methyl-N-(4-phenylbutyl)-N',N'-
 dipropylisophthalamide
              N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
 hydroxybutyl]-7-(1H-imidazol-1-yl)-N-(3-iodobenzyl)-5,6-
 dihydronaphthalene-2-carboxamide
              3-(acetylamino) - N- [(2R, 3S) - 3-amino - 4-(3, 5-
 difluorophenyl) -2-hydroxybutyl] -N-(3-ethylbenzyl) -4-
 methylbenzamide
              N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
 \label{localization} \verb|hydroxybutyl|-N-[2-(aminosulfonyl)ethyl]-5-methyl-N', N'-\\
 dipropylisophthalamide
              N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
  hydroxybutyl] -N-[2-(ethylthio)ethyl] -5-methyl-N', N'-
  dipropylisophthalamide
              N-[(2R,3S)-3-amino-4-cyclohexyl-2-hydroxybutyl]-N-(3-max)
  methoxybenzyl)-5-methyl-N', N'-dipropylisophthalamide
               N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
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hydroxybutyl]-N-(2-hydroxypropyl)-5-methyl-N',N'-
 dipropylisophthalamide
      N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
 hydroxybutyl] -N-(3-butoxypropyl) -5-methyl -N', N'-
 dipropylisophthalamide
      N-[(2R, 3S)-3-amino-4-(3,5-difluorophenyl)-2-
 hydroxybutyl] -N-(3-ethylbenzyl) -3-{[2-(2-
hydroxyethyl)piperidin-1-yl]carbonyl}-5-methylbenzamide
                  N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-{3-[(dipropylamino)carbonyl]-5-}
methylbenzoyl}-\beta-alaninate
      N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-ethylbenzyl) -3-(1-hydroxy-2-
propylpentyl) benzamide
     N^{1}-[(2R,3S)-3-amino-4-(3-chloro-5-fluorophenyl)-2-
hydroxybutyl] -N^1-benzyl-N^3, N^3-dipropylbenzene-1,3,5-
tricarboxamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-N-(3-ethylbenzyl)-4-
[(methylsulfonyl)amino]butanamide trifluoroacetate (salt)
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-[3-(1-benzothien-2-yl)benzyl]-5-methyl-
N', N'-dipropylisophthalamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
\label{lem:lem2} \verb|hydroxybutyl|-3-(benzyloxy)-N-(3-ethylbenzyl)isoxazole-5-\\
carboxamide
     1-(3-{[[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl](3-ethylbenzyl)amino]carbonyl}-5-
methylbenzoyl) -D-prolinamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-ethylbenzyl) -5-(1H-pyrazol-1-
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yl)pentanamide
     N-[(2R, 3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-N-(3-ethylbenzyl)-1-(2-furylmethyl)-5-
oxopyrrolidine-3-carboxamide
     N-[(2R,3S)-3-amino-2-hydroxy-4-phenylbutyl]-2-ethyl-N-
(3-methoxybenzyl) hexanamide hydrochloride
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(5-hydroxypentyl) -5-methyl-N', N'-
dipropylisophthalamide
     N^{1}-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
\label{eq:hydroxybutyl} \textbf{hydroxybutyl}] \textbf{-} \textit{N}^{1}\textbf{-} (3-\texttt{methoxybenzyl}) \textbf{-} \textit{N}^{3}\textbf{,} \textit{N}^{3}\textbf{-} \texttt{dipropylpiperidine}\textbf{-}
1,3-dicarboxamide
     N^{1}-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N^3, N^3-diethyl-N^1-(3-methoxybenzyl)piperidine-
1,3-dicarboxamide
     N-[(2R,3S)-3-amino-2-hydroxy-4-
(pentafluorophenyl)butyl]-5-bromo-N',N'-dipropyl-N-[3-
(trifluoromethyl)benzyl]isophthalamide
      N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-N-(3-ethylbenzyl)-4-
[(methylsulfonyl)amino]benzamide
      N-[(2R,3S)-3-amino-4-(3-bromophenyl)-2-hydroxybutyl]-3-
[(dipropylamino)sulfonyl]-N-(3-methoxybenzyl)propanamide
      N-[(2R,3S)-3-amino-2-hydroxy-4-(2-thienyl)butyl]-3-
 [(dipropylamino)sulfonyl]-N-(3-methoxybenzyl)propanamide
      N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-ethoxypropyl) -5-methyl-N', N'-
dipropylisophthalamide
      N-[(2R,3S)-3-amino-2-hydroxy-4-(2-thienyl)butyl]-N-
benzyl-5-methyl-N', N'-dipropylisophthalamide
      N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-ethylbenzyl)-2-hydroxy-4-
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(phenylsulfonyl) butanamide hydrochloride
                    N^{1}-[(2R,3S)-3-amino-4-(3,5-dichlorophenyl)-2-
hydroxybutyl] -N^1 - (3-methylbutyl) -N^3, N^3 -dipropylbenzene-1,3,5-
tricarboxamide
                    N^{1} - \{ (2R, 3S) - 3 - \text{amino} - 2 - \text{hydroxy} - 4 - [3 - 3] \}
 (trifluoromethoxy) phenyl] butyl\}-N^1-(3-methoxybenzyl)-N^3, N^3-
dipropylbenzene-1,3,5-tricarboxamide
                      (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3, 3-
dimethylbutyl)amino]methyl}propyl
                                                                                                                                                                                                                                                  3 -
 [(dipropylamino)carbonyl]-5-methylbenzoate
                      (1R, 2S) -2-amino-1-[(benzylamino)methyl]-3-(3-
bromophenyl) propyl
                                                                                                                                                                      3-(aminocarbonyl)-5-
 [(dipropylamino)carbonyl]benzoate
                      (1R, 2S) -2-amino-3-(3-chloro-5-fluorophenyl)-1-{ [(3-
methylbutyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-
5-methylbenzoate
                     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(1, 3-
diphenylpropyl) amino] methyl propyl
                                                                                                                                                                                                                                                  3 -
 [(dipropylamino)carbonyl]-5-methylbenzoate
                      (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-(\{[(1S)-1-
 (hydroxymethyl) propyl] amino } methyl) propyl
  [(dipropylamino)carbonyl]benzoate
                     (1R, 2S) - 2 - \text{amino} - 3 - (3, 5 - \text{difluorophenyl}) - 1 - (\{ (3S) - 2 - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - (3S) - 
oxoazepan-3-yl]amino}methyl)propyl
 [(dipropylamino)carbonyl]-5-methylbenzoate
                      (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - \{ [(3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluoropheny
ethylbenzyl)amino]methyl}propyl
                                                                                                                                                             5-(cyclohexylamino)-5-
oxopentanoate
                      (1R, 2S) -2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-
 (3-methylphenyl)propyl
                                                                                                                                                                      3-(aminocarbonyl)-5-
 [(dipropylamino)carbonyl]benzoate
                      (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
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N- [(2-
ethylbenzyl)amino]methyl}propyl
propylpentyl) sulfonyl] - \beta-alaninate trifluoroacetate
                                     (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - \{ [(3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5
ethylbenzyl)amino]methyl}propyl 3-(1,3-thiazol-2-yl)benzoate
dihydrochloride
                                    (1R, 2S) - 2 - amino - 3 - (2 - furyl) - 1 - \{[(3 - amino - 3 - (2 - furyl))] - 1 - \{[(3 - amino - 3 - (2 - furyl))] - 1 - \{[(3 - amino - 3 - (2 - furyl))] - 1 - \{[(3 - amino - 3 - (2 - furyl))] - 1 - \{[(3 - amino - 3 - (2 - furyl))] - 1 - \{[(3 - amino - 3 - (2 - furyl))] - 1 - \{[(3 - amino - 3 - (2 - furyl))] - 1 - \{[(3 - amino - 3 - (2 - furyl))] - 1 - \{[(3 - amino - 3 - (2 - furyl))] - 1 - \{[(3 - amino - 3 - (2 - furyl))] - 1 - \{[(3 - amino - 3 - (2 - furyl))] - 1 - \{[(3 - amino - 3 - (2 - furyl))] - 1 - \{[(3 - amino - 3 - (2 - furyl))] - 1 - \{[(3 - amino - 3 - (2 - furyl))] - 1 - \{[(3 - amino - 3 - (2 - furyl))] - 1 - \{[(3 - amino - 3 - (2 - furyl))] - 1 - \{[(3 - amino - 3 - (2 - furyl))] - 1 - \{[(3 - amino - 3 - (2 - furyl))] - 1 - \{[(3 - amino - 3 - (2 - furyl))] - 1 - \{[(3 - amino - 3 - (2 - furyl))] - 1 - \{[(3 - amino - 3 - (2 - furyl))] - 1 - \{[(3 - amino - 3 - (2 - furyl))] - 1 - \{[(3 - amino - 3 - (2 - furyl))] - 1 - \{[(3 - amino - 3 - (2 - furyl))] - 1 - \{[(3 - amino - 3 - (2 - furyl))] - 1 - \{[(3 - amino - 3 - (2 - furyl))] - 1 - \{[(3 - amino - 3 - (2 - furyl))] - 1 - \{[(3 - amino - 3 - (2 - furyl))] - 1 - \{[(3 - amino - 3 - (2 - furyl))] - 1 - \{[(3 - amino - 3 - (2 - furyl))] - 1 - \{[(3 - amino - 3 - (2 - furyl))] - 1 - \{[(3 - amino - 3 - (2 - furyl))] - 1 - \{[(3 - amino - 3 - (2 - furyl))] - 1 - \{[(3 - amino - 3 - (2 - furyl))] - 1 - \{[(3 - amino - 3 - (2 - furyl))] - 1 - \{[(3 - amino - 3 - (2 - furyl))] - 1 - \{[(3 - amino - 3 - (2 - furyl))] - 1 - \{[(3 - amino - 3 - (2 - furyl))] - 1 - \{[(3 - amino - 3 - (2 - furyl))] - 1 - \{[(3 - amino - 3 - (2 - furyl))] - 1 - \{[(3 - amino - 3 - (2 - furyl))] - 1 - \{[(3 - amino - 3 - (2 - furyl))] - 1 - \{[(3 - amino - 3 - (2 - furyl))] - 1 - \{[(3 - amino - 3 - (2 - furyl))] - 1 - \{[(3 - amino - 3 - (2 - furyl))] - 1 - \{[(3 - amino - 3 - (2 - furyl))] - 1 - \{[(3 - amino - 3 - (2 - furyl))] - 1 - \{[(3 - amino - 3 - (2 - furyl))] - 1 - \{[(3 - amino - 3 - (2 - furyl))] - 1 - \{[(3 - amino - 3 - (2 - furyl))] - 1 - \{[(3 - amino - 3 - (2 - furyl))] - 1 - \{[(3 - ami
                                                                                                                                                                                                                                                                                                                                                                                                                                      3 -
methoxybenzyl)amino]methyl}propyl
  [(dipropylamino)carbonyl]-5-methylbenzoate
                                     (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-[({3-
  [methyl (phenyl) amino] propyl amino) methyl] propyl
                                                                                                                                                                                                                                                                                                                                                                                                                                      3 -
  [(dipropylamino)carbonyl]-5-methylbenzoate
                                      (1R, 2S) -2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-
                                                                                                                                                                                                                                                                                                  3-(aminocarbonyl)-5-
   (4-methylphenyl)propyl
   [(dipropylamino)carbonyl]benzoate
                                      (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - \{ [(3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - diflu
                                                                                                                                                                                                                                                                                                                                                                    5-oxo-1-(2-
  ethylbenzyl)amino]methyl}propyl
  thienylmethyl)pyrrolidine-3-carboxylate
                                      (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
                                                                                                                                                                                                                                                                 4-[(butylthio)methyl]-5-
  ethylbenzyl)amino]methyl}propyl
  methyl-2-furoate
                                       (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
                                                                                                                                                                                                                                                                                                                                                                                                 3 - \{ [(2 - 1)^2] \}
  ethylbenzyl)amino]methyl}propyl
  hydroxyethyl) amino] sulfonyl}benzoate
                                       (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
  ethylbenzyl)amino]methyl}propyl
                                                                                                                                                                                                                                                                                                                                                                                                               N - [3 -
    (trifluoromethyl)benzoyl]glycinate
                                       (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
  methylcyclohexyl)amino]methyl}propyl
                                                                                                                                                                                                                                                                                                                                                                                                                                       3.
    [(dipropylamino)carbonyl]-5-methylbenzoate
                                        (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - \{ [(3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - diflu
   ethylbenzyl)amino]methyl}propyl 4-(2-oxo-1,3-oxazolidin-3-
  yl)benzoate
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(1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - \{ [(3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - diflu
 ethylbenzyl)amino]methyl}propyl 4-(1H-pyrrol-1-yl)benzoate
                                     (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-\{[(6-methoxy-
 1,2,3,4-tetrahydronaphthalen-1-yl)amino]methyl}propyl
  [(dipropylamino)carbonyl]-5-methylbenzoate
                                   (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - \{ [(3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - amino - 3 - (3 - amino - 3 - amino - 3 - (3 - amino - 3 - amino - 3 - amino - 3 - (3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - (3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - a
ethylbenzyl)amino]methyl}propyl
                                                                                                                                                                                                                                                                                                                                                                       1,3,4,5-
tetrahydrothiopyrano[4,3-b]indole-8-carboxylate
                                    (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
 ethylbenzyl)amino]methyl}propyl
                                                                                                                                                                                                                                                                                                                                             4-oxo-4-{[2-
  (trifluoromethyl) phenyl] amino} butanoate
                                    (1R, 2S) - 2 - amino - 3 - (3 - bromophenyl) - 1 - \{ [(3 - amino - 3 - (3 - bromophenyl) - 1 - (3 - amino - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromophenyl) - 3 - (3 - bromoph
methylbutyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-
 5-methylbenzoate
                                    (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - \{ [(3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino 
ethylbenzyl)amino]methyl}propyl 4,5-dimethyl-2-(1H-pyrrol-1-
yl) thiophene-3-carboxylate
                                     (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - { [(2, 3 - 2)]
dihydroxypropyl)amino]methyl}propyl
                                                                                                                                                                                                                                                                                                                                                                                                                3 -
  [(dipropylamino)carbonyl]-5-methylbenzoate
                                     hydroxypropyl]amino}methyl)propyl
                                                                                                                                                                                                                                                                                                                                                                                                               3 -
  [(dipropylamino)carbonyl]-5-methylbenzoate
                                     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-(\{[(1R)-1-
methylpropyl]amino}methyl)propyl
                                                                                                                                                                                                                                                                                                                                                                                                               3 -
  [(dipropylamino)carbonyl]-5-methylbenzoate
                                     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
 ethylbenzyl)amino]methyl}propyl
                                                                                                                                                                                                                                                                                                                                                   2-chloro-4-
  (methylsulfonyl)benzoate
                                     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl) -1-\{[(2-
hydroxyethyl) amino] methyl } propyl
                                                                                                                                                                                                                                                                                                                                                                                                               3 -
  [(dipropylamino)carbonyl]-5-methylbenzoate
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(1R, 2S) -2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-
                                                             3 -
(3-methoxyphenyl)propyl
[(dipropylamino)sulfonyl]propanoate
     (1R, 2S) - 2-amino-3-(3,5-difluorophenyl) -1-{[(3-
                                                             3 -
ethylbenzyl)amino]methyl}propyl
{methyl[(trifluoromethyl)sulfonyl]amino}benzoate
hydrochloride
     (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
ethylbenzyl)amino]methyl}propyl 3-hydroxy-6-(1-hydroxy-2,2-
dimethylpropyl)pyridine-2-carboxylate
     (1R, 2S) - 2 - amino - 1 - \{ [(1, 3 -
dicyclohexylpropyl)amino]methyl}-3-(3,5-
                               3-[(dipropylamino)carbonyl]-5-
difluorophenyl)propyl
methylbenzoate
     (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
                                           2,2'-bithiophene-5-
ethylbenzyl)amino]methyl}propyl
carboxylate
     (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
                                              4-(1H-imidazol-1-
ethylbenzyl)amino]methyl}propyl
yl)butanoate
     (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
                                          2,3-dihydroxy-4-[(4-
ethylbenzyl)amino]methyl}propyl
methoxyphenyl)amino]-4-oxobutanoate
     (1R, 2S) -2-amino-1-[(benzylamino)methyl]-3-(4-
                                3-[(dipropylamino)carbonyl]-5-
hydroxyphenyl)propyl
methylbenzoate
     (1R, 2S) -2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-
                                           3-(aminocarbonyl)-5-
[3-(trifluoromethyl)phenyl]propyl
[(dipropylamino)carbonyl]benzoate
      (1R, 2S) -2-amino-1-[(benzylamino) methyl] -3-(2-
                                           3-(aminocarbonyl)-5-
thienyl)propyl
 [(dipropylamino)carbonyl]benzoate
      (1R, 2S) -2-amino-1-({[2-(aminocarbonyl)-1H-indol-6-
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yl]amino}methyl)-3-(3,5-difluorophenyl)propyl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            3 -
     [(dipropylamino)carbonyl]-5-methylbenzoate
                                               (1R, 2S) -2-amino-1-[(benzylamino)methyl]-3-(3-
  bromophenyl) propyl
                                                                                                                                                                                                                                                                3-[(dipropylamino)carbonyl]-5-
  methylbenzoate
                                               (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - \{ [(3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3
  ethylbenzyl)amino]methyl}propyl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                N-[4-
   (trifluoromethyl) benzoyl]qlycinate
                                              (1R, 2S) - 2-amino-3-(3, 5-difluorophenyl) -1-\{[(3-
  ethylbenzyl)amino]methyl}propyl
                                                                                                                                                                                                                                                                                                                2-(1-oxo-1,3-dihydro-2H-
  isoindol-2-yl)butanoate
                                             (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - \{ [(3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - amino - 3 - (3 - amino - 3 - amino - 3 - (3 - amino - 3 - amino - 3 - amino - 3 - (3 - amino - 3 - amino - 3 - amino - 3 - (3 - amino - 3 - amino - 3 - amino -
 ethylbenzyl)amino]methyl}propyl
                                                                                                                                                                                                                                                                                                                                                                                                                                                             N-(3,4-
 dichlorobenzoyl) glycinate
                                             (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl
                                                                                                                                                                                                                                                                                                                                                                                                                            3-chloro-4-
  (methylsulfonyl)thiophene-2-carboxylate
                                             (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - \{ [(1 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - diflu
ethylpropyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-
 5-methylbenzoate
                                             (1R, 2S) -2-amino-3-(3, 5-difluorophenyl) -1-[(\{[(5R) -3-
ethyl-2-oxo-1,3-oxazolidin-5-yl]methyl}amino)methyl]propyl
3-[(dipropylamino)carbonyl]-5-methylbenzoate
                                             (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - \{ [(3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - diflu
ethylbenzyl)amino]methyl}propyl
                                                                                                                                                                                                                                                                                                                                                                                                                           5-methyl-7-
  (trifluoromethyl)pyrazolo[1,5-a]pyrimidine-2-carboxylate
                                            (1R, 2S) -2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-
phenylpropyl
                                                                                                                                                                                                                                                                       N-[(methylthio)acetyl]-3-[(1-
propylbutyl)sulfonyl]alaninate hydrochloride
                                             (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - \{ [(2, 3 - 3) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluor
dimethylcyclohexyl)amino]methyl}propyl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       3 -
  [(dipropylamino)carbonyl]-5-methylbenzoate
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(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-\{[(3-
                                                                                                           4,5-dimethoxy-1-
ethylbenzyl)amino]methyl}propyl
benzothiophene-2-carboxylate
            (1R,2S)-2-amino-3-[3-fluoro-5-(trifluoromethyl)phenyl]-
1-{[(3-methylbutyl)amino]methyl}propyl 3-(aminocarbonyl)-5-
 [(dipropylamino)carbonyl]benzoate
            (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-[(\{[(5S) -3-
ethyl-2-oxo-1,3-oxazolidin-5-yl]methyl}amino)methyl]propyl
3-[(dipropylamino)carbonyl]-5-methylbenzoate
            (1R, 2S) - 2 - amino - 3 - (1, 3 - benzodioxol - 5 - yl) - 1 - \{ [(3 - yl) - 1 - (3 - yl) - 1 - (3 - yl) - 1 - (3 - yl) - 1 - (3 - yl) - 1 - (3 - yl) - 1 - (3 - yl) - 1 - (3 - yl) - 1 - (3 - yl) - 1 - (3 - yl) - 1 - (3 - yl) - 1 - (3 - yl) - 1 - (3 - yl) - 1 - (3 - yl) - 1 - (3 - yl) - 1 - (3 - yl) - 1 - (3 - yl) - 1 - (3 - yl) - 1 - (3 - yl) - 1 - (3 - yl) - 1 - (3 - yl) - 1 - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3 - yl) - (3
methoxybenzyl)amino]methyl}propyl
                                                                                                  3-(aminocarbonyl)-5-
 [(dipropylamino)carbonyl]benzoate
             (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
                                                                                                   4-(3,5-dioxo-1,2,4-
ethylbenzyl)amino]methyl}propyl
 triazolidin-4-yl)benzoate
            (1R, 2S) -2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-
                                                                                                            2-hydroxy-3-[(3-
phenylpropyl
methoxyphenyl)sulfonyl]propanoate hydrochloride
             (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(2-
 methylcyclohexyl)amino]methyl}propyl
                                                                                                                                               3 -
 [(dipropylamino)carbonyl]-5-methylbenzoate
             (1R, 2S) -2-amino-1-{[(2-{4-[(3-
 chlorobenzyl) oxy] phenyl } ethyl) amino] methyl } -3 - (3,5-
                                                                           3-[(dipropylamino)carbonyl]-5-
 difluorophenyl)propyl
 methylbenzoate
             (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
 ethylbenzyl)amino]methyl}propyl
                                                                                                2-hydroxy-4-oxo-4-(3-
 thienyl)butanoate
              (1R, 2S) -2-amino-3-[3-(benzyloxy)-5-fluorophenyl]-1-
 {[(3-methoxybenzyl)amino]methyl}propyl 3-(aminocarbonyl)-5-
  [(dipropylamino)carbonyl]benzoate
              (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
  ethylbenzyl)amino]methyl}propyl
                                                                                                 2-hydroxy-4-oxo-4-[3
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(trifluoromethyl) phenyl] butanoate
               (1R, 2S) -2-amino-1-{[(3-methylbutyl)amino]methyl}-3-[3-
  (trifluoromethoxy)phenyl]propyl
                                                                                                      3-(aminocarbonyl)-5-
 [(dipropylamino)carbonyl]benzoate
              (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-(\{[1-
 (hydroxymethyl)-3-(methylthio)propyl]amino}methyl)propyl
                                                                                                                                                   3 -
 [(dipropylamino)carbonyl]-5-methylbenzoate
              (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - \{ [(3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - amino - 3 - (3 - amino - 3 - amino - 3 - (3 - amino - 3 - amino - 3 - (3 - amino - 3 - amino - 3 - amino - 3 - (3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - ami
 ethylbenzyl)amino]methyl}propyl 2-(1H-1,2,3-benzotriazol-1-
yl) hexanoate
              (1R, 2S) -2-amino-3-(3-fluoro-4-methylphenyl)-1-{[(3-
methylbutyl)amino]methyl}propyl
                                                                                                     3-(aminocarbonyl)-5-
 [(dipropylamino)carbonyl]benzoate
              (1R, 2S) -2-amino-3-(3, 5-difluorophenyl) -1-\{[(3-
ethylbenzyl)amino]methyl}propyl
                                                                                                     3-(4,4-dimethyl-2,5-
dioxoimidazolidin-1-yl)-2-{[(1-
propylbutyl) sulfonyl] methyl } propanoate
              (1R, 2S) -2-amino-3-(3, 5-difluorophenyl) -1-\{[(3-
ethylbenzyl)amino]methyl}propyl
{[(trifluoromethyl)sulfonyl]amino}butanoate trifluoroacetate
              (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl
                                                                                           (5-methyl-1, 3-dioxo-1, 3-
dihydro-2H-isoindol-2-yl)acetate
             (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
hydroxypropyl) amino] methyl }propyl
                                                                                                                                                 3 -
[(dipropylamino)carbonyl]-5-methylbenzoate
             (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-({[1-
(hydroxymethyl)propyl]amino}methyl)propyl
                                                                                                                                                 3 -
[(dipropylamino)carbonyl]-5-methylbenzoate
             (1R, 2S) -2-amino-1-[(benzylamino)methyl]-3-(3,5-
dichlorophenyl)propyl
                                                                                                    3-(aminocarbonyl)-5-
[(dipropylamino)carbonyl]benzoate
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(1R, 2S) -2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-
                                                       3-{[(2-
phenylpropyl
hydroxyethyl) (propyl) amino] sulfonyl } propanoate hydrochloride
     (1R, 2S) -2-amino-3-(3,5-difluorophenyl) -1-{[(3-
ethylbenzyl)amino]methyl}propyl 5-(benzylthio)nicotinate
     (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
ethylbenzyl)amino]methyl}propyl 1H-pyrazole-5-carboxylate
     (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
ethylbenzyl)amino]methyl}propyl 6-chloro-3-methyl-2-oxo-2,3-
dihydro-1,3-benzoxazole-5-carboxylate
     (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
                                           1H-benzimidazole-2-
ethylbenzyl)amino]methyl}propyl
carboxylate
     (1R, 2S) -2-amino-3-cyclohexyl-1-{[(3-
                                          3-(aminocarbonyl)-5-
methoxybenzyl)amino]methyl}propyl
[(dipropylamino)carbonyl]benzoate
     (1R, 2S) -2-amino-3-(3,5-difluorophenyl) -1-{[(3-
ethylbenzyl)amino]methyl}propyl 6-hydroxy-4,7-dimethoxy-1-
benzofuran-5-carboxylate
      (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(4-
methylcyclohexyl)amino]methyl}propyl
                                                             3 ·
 [(dipropylamino)carbonyl]-5-methylbenzoate
      (1R, 2S) -2-amino-3-(3,5-difluorophenyl) -1-{[(3-
                                          [1,2,4] triazolo[4,3-
 ethylbenzyl)amino]methyl}propyl
a]pyridine-6-carboxylate
      (1R, 2S) -2-amino-3-(3, 5-difluorophenyl) -1-\{[(3-
                                         2-hydroxy-4-oxo-4-(2-
 ethylbenzyl)amino]methyl}propyl
 thienyl) butanoate
      (1R, 2S) -2-amino-1-[(benzylamino)methyl]-3-(3,5-
                                3-[(dipropylamino)carbonyl]-5-
 dichlorophenyl)propyl
 methylbenzoate
      (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
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4-(2-hydroxy-5-
  ethylbenzyl)amino]methyl}propyl
  methylphenyl) - 4 - oxobutanoate
                      (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
  ethylbenzyl)amino]methyl}propyl 3-phenoxybenzoate
                      (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - \{ [(3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - diflu
 ethylbenzyl)amino]methyl}propyl
                                                                                                                                                                                                                                         4 -
  [(aminocarbonyl)amino]benzoate
                      (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-(\{[(1S) -1-
  (hydroxymethyl) -3-(methylthio)propyl]amino\methyl)propyl
                                                                                                                                                                                                                                        3 -
  [(dipropylamino)carbonyl]-5-methylbenzoate
                      (1R, 2S) -2-amino-3-(3, 5-difluorophenyl) -1-\{[(3-
 ethylbenzyl)amino]methyl}propyl
                                                                                                                                        7-hydroxy-4-oxochromane-2-
 carboxylate
                      (1R, 2S) -2-amino-3-(3, 5-difluorophenyl) -1-(\{(1S)-1-
  (hydroxymethyl) -3-methylbutyl] amino}methyl) propyl
  [(dipropylamino)carbonyl]-5-methylbenzoate
                     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl) -1-(\{(1R)-1-
  (hydroxymethyl) propyl] amino } methyl) propyl
                                                                                                                                                                                                                                       3 -
 [(dipropylamino)carbonyl]benzoate
                     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(1-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-methyl-3-me
phenylpropyl)amino]methyl}propyl
 [(dipropylamino)carbonyl]-5-methylbenzoate
                   N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3,3-dimethylbutyl) -5-methyl-N', N'-
dipropylisophthalamide
                   N^{1}-[(2R,3S)-3-amino-4-(3-bromophenyl)-2-hydroxybutyl]-
N^1-benzyl-N^3, N^3-dipropylbenzene-1,3,5-tricarboxamide
                   N-[(2R,3S)-3-amino-4-(3-chloro-5-fluorophenyl)-2-
hydroxybutyl] -5-methyl-N-(3-methylbutyl) -N', N'-
dipropylisophthalamide
                   N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N- (1,3-diphenylpropyl) -5-methyl-N', N'-
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```
dipropylisophthalamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-[(1S)-1-(hydroxymethyl)propyl]-N',N'-
dipropylisophthalamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -5-methyl-N-[(3S)-2-oxoazepan-3-yl]-N', N'-
dipropylisophthalamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] - N' - cyclohexyl - N - (3 - ethylbenzyl) pentanediamide
     N^1-[(2R,3S)-3-amino-2-hydroxy-4-(3-methylphenyl)butyl]-
N^1-(3-methoxybenzyl)-N^3, N^3-dipropylbenzene-1,3,5-
tricarboxamide
     N^{1}-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N^1-(3-ethylbenzyl) -N^3-[(2-
propylpentyl) sulfonyl] - \beta-alaninamide trifluoroacetate (salt)
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-ethylbenzyl)-3-(1,3-thiazol-2-
yl)benzamide dihydrochloride
     N-[(2R,3S)-3-amino-4-(2-furyl)-2-hydroxybutyl]-N-(3-
methoxybenzyl) -5-methyl-N', N'-dipropylisophthalamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -5-methyl-N-{3-[methyl(phenyl)amino]propyl}-
N', N'-dipropylisophthalamide
     N^{1}-[(2R,3S)-3-amino-2-hydroxy-4-(4-methylphenyl)butyl]-
N^{1}-(3-methoxybenzyl)-N^{3}, N^{3}-dipropylbenzene-1,3,5-
tricarboxamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-N-(3-ethylbenzyl)-5-oxo-1-(2-
thienylmethyl)pyrrolidine-3-carboxamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-4-[(butylthio)methyl]-N-(3-ethylbenzyl)-5-
methyl-2-furamide
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N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N- (3-ethylbenzyl) -3-{[(2-
hydroxyethyl) amino] sulfonyl }benzamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-5-methyl-N-(3-methylcyclohexyl)-N', N'-
dipropylisophthalamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-ethylbenzyl) -4-(2-oxo-1,3-oxazolidin-3-
vl)benzamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-N-(3-ethylbenzyl)-4-(1H-pyrrol-1-yl)benzamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-N-(6-methoxy-1,2,3,4-tetrahydronaphthalen-1-
yl)-5-methyl-N', N'-dipropylisophthalamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-ethylbenzyl) -1, 3, 4, 5-
tetrahydrothiopyrano[4,3-b]indole-8-carboxamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-ethylbenzyl) -N'-[2-ethylbenzyl]
(trifluoromethyl)phenyl]succinamide
     N-[(2R,3S)-3-amino-4-(3-bromophenyl)-2-hydroxybutyl]-5-
methyl-N-(3-methylbutyl)-N', N'-dipropylisophthalamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-ethylbenzyl) -4,5-dimethyl-2-(1H-pyrrol-1-1-1)
yl)thiophene-3-carboxamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(2,3-dihydroxypropyl)-5-methyl-N',N'-
dipropylisophthalamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-[(2S)-2-hydroxypropyl]-5-methyl-N', N'-
dipropylisophthalamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
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```
hydroxybutyl]-5-methyl-N-[(1R)-1-methylpropyl]-N', N'-
dipropylisophthalamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-2-chloro-N-(3-ethylbenzyl)-4-
(methylsulfonyl)benzamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(2-hydroxyethyl) -5-methyl-N', N'-
dipropylisophthalamide
     N-[(2R,3S)-3-amino-2-hydroxy-4-(3-methoxyphenyl)butyl]-
3-[(dipropylamino)sulfonyl]-N-(3-methoxybenzyl)propanamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-N-(3-ethylbenzyl)-3-
{methyl[(trifluoromethyl)sulfonyl]amino}benzamide
hydrochloride
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-N-(3-ethylbenzyl)-3-hydroxy-6-(1-hydroxy-2,2-
dimethylpropyl)pyridine-2-carboxamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(1,3-dicyclohexylpropyl)-5-methyl-N',N'-
dipropylisophthalamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-N-(3-ethylbenzyl)-2,2'-bithiophene-5-
carboxamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-N-(3-ethylbenzyl)-4-(1H-imidazol-1-
yl) butanamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-N-(3-ethylbenzyl)-2,3-dihydroxy-N'-(4-
methoxyphenyl) succinamide
     N-[(2R,3S)-3-amino-2-hydroxy-4-(4-hydroxyphenyl)butyl]-
N-benzyl-5-methyl-N', N'-dipropylisophthalamide
      N^{1} - \{ (2R, 3S) - 3 - \text{amino} - 2 - \text{hydroxy} - 4 - [3 - 2] \}
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(trifluoromethyl)phenyl]butyl\}-N^1-(3-methoxybenzyl)-N^3,N^3-
  dipropylbenzene-1,3,5-tricarboxamide
              N^{1}-[(2R,3S)-3-amino-2-hydroxy-4-(2-thienyl)butyl]-N^{1}-
  benzyl-N^3, N^3-dipropylbenzene-1, 3, 5-tricarboxamide
              N-[2-(aminocarbonyl)-1H-indol-6-yl]-N-[(2R,3S)-3-amino-
  4-(3,5-difluorophenyl)-2-hydroxybutyl]-5-methyl-N', N'-
  dipropylisophthalamide
             N-[(2R,3S)-3-amino-4-(3-bromophenyl)-2-hydroxybutyl]-N-
 benzyl-5-methyl-N',N'-dipropylisophthalamide
             N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
 hydroxybutyl] -N-(3-ethylbenzyl) -2-(1-oxo-1,3-dihydro-2H-1)
 isoindol-2-yl)butanamide
             N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
 hydroxybutyl]-3-chloro-N-(3-ethylbenzyl)-4-
 (methylsulfonyl) thiophene-2-carboxamide
             N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
 hydroxybutyl] -N-(1-ethylpropyl) -5-methyl-N', N' -
 dipropylisophthalamide
             N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
\label{eq:hydroxybutyl} $$ -N-\{[(5R)-3-ethyl-2-oxo-1,3-oxazolidin-5-hydroxybutyl] = N-\{[(5R)-3-ethyl-2-oxo-1,3-oxazolidin-5-hydroxybutyl] = N-\{[(5R)-3-ethyl-2-oxazolidin-5-hydroxybutyl] = N-\{[(5R)-3-ethyl-2-oxazo
\verb|yl]methyl| -5-methyl-N', N'-dipropylisophthalamide|
             N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-ethylbenzyl) -5-methyl-7-
 (trifluoromethyl)pyrazolo[1,5-a]pyrimidine-2-carboxamide
            N^1-[(2R,3S)-3-amino-2-hydroxy-4-phenylbutyl]-N^1-(3-
methoxybenzyl) -N^2-[(methylthio)acetyl] -3-[(1-
propylbutyl)sulfonyl]alaninamide hydrochloride
            N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-N-(2,3-dimethylcyclohexyl)-5-methyl-N',N'-
dipropylisophthalamide
            N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-ethylbenzyl)-4,5-dimethoxy-1-
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```
benzothiophene-2-carboxamide
                        N^{1}-{ (2R,3S)-3-amino-4-[3-fluoro-5-
 (trifluoromethyl)phenyl]-2-hydroxybutyl}-N^1-(3-methylbutyl)-
N^3, N^3-dipropylbenzene-1,3,5-tricarboxamide
                         N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
\label{eq:hydroxybutyl} \textbf{hydroxybutyl}] \textbf{-N-} \{ \texttt{[(5S)-3-ethyl-2-oxo-1,3-oxazolidin-5-} \} \} \textbf{-N-} \{ \texttt{(5S)-3-ethyl-2-oxo-1,3-oxazolidin-5-} \} \} \textbf{-N-} \{ \texttt{(5S)-3-ethyl-2-oxo-1,3-oxazolidin-5-} \} \} \textbf{-N-} \{ \texttt{(5S)-3-ethyl-2-oxo-1,3-oxazolidin-5-} \} \} \textbf{-N-} \} \textbf{-N-} \{ \texttt{(5S)-3-ethyl-2-oxo-1,3-oxazolidin-5-} \} \textbf{-N-} \} \textbf{-N-} \{ \texttt{(5S)-3-ethyl-2-oxo-1,3-oxazolidin-5-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \{ \texttt{(5S)-3-ethyl-2-oxo-1,3-oxazolidin-5-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \{ \texttt{(5S)-3-ethyl-2-oxo-1,3-oxazolidin-5-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \{ \texttt{(5S)-3-ethyl-2-oxo-1,3-oxazolidin-5-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \{ \texttt{(5S)-3-ethyl-2-oxo-1,3-oxazolidin-5-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \} \textbf{-N-} \}
yl] methyl}-5-methyl-N', N'-dipropylisophthalamide
                          N^{1}-[(2R,3S)-3-amino-4-(1,3-benzodioxol-5-yl)-2-
hydroxybutyl] -N^1-(3-methoxybenzyl) -N^3, N^3-dipropylbenzene-
 1,3,5-tricarboxamide
                          N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
 \label{eq:hydroxybutyl} \verb| -4-(3,5-dioxo-1,2,4-triazolidin-4-yl) - \textit{N}-(3-dioxo-1,2,4-triazolidin-4-yl) - \textit{N}-(3-dioxo-1,2
  ethylbenzyl)benzamide
                           N-[(2R,3S)-3-amino-2-hydroxy-4-phenylbutyl]-2-hydroxy-
 N-(3-methoxybenzyl)-3-[(3-methoxyphenyl)sulfonyl]propanamide
  hydrochloride
                            N-[(2R, 3S)-3-amino-4-(3,5-difluorophenyl)-2-
  \verb|hydroxybutyl| -5-methyl-N-(2-methylcyclohexyl)-N',N'-\\
  dipropylisophthalamide
                            N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
  \label{lem:hydroxybutyl} $$ -N-(2-\{4-[(3-chlorobenzyl)oxy]phenyl\}ethyl)-5- $$
   methyl-N', N'-dipropylisophthalamide
                             N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
   hydroxybutyl]-N-(3-ethylbenzyl)-2-hydroxy-4-oxo-4-(3-
    thienyl) butanamide
                             N^{1} - { (2R, 3S) -3-amino-4-[3-(benzyloxy)-5-fluorophenyl]-2-
   hydroxybutyl\}-N^1-(3-methoxybenzyl)-N^3,N^3-dipropylbenzene-
    1,3,5-tricarboxamide
                              N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
    hydroxybutyl]-N-(3-ethylbenzyl)-2-hydroxy-4-oxo-4-[3-
      (trifluoromethyl)phenyl]butanamide
                               N^{1} - \{ (2R, 3S) - 3 - \text{amino} - 2 - \text{hydroxy} - 4 - [3 - 3] \}
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(trifluoromethoxy) phenyl] butyl\}-N^1-(3-\text{methylbutyl})-N^3, N^3-
 dipropylbenzene-1,3,5-tricarboxamide
                    N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-[1-(hydroxymethyl)-3-(methylthio)propyl]-5-
methyl-N', N'-dipropylisophthalamide
                    N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -2-(1H-1,2,3-benzotriazol-1-yl)-N-(3-benzotriazol-1-yl)
ethylbenzyl) hexanamide
                    N^{1}-[(2R,3S)-3-amino-4-(3-fluoro-4-methylphenyl)-2-
hydroxybutyl] -N^1 - (3-methylbutyl) -N^3, N^3 -dipropylbenzene-1,3,5-
tricarboxamide
                   N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-3-(4,4-dimethyl-2,5-dioxoimidazolidin-1-yl)-N-
 (3-ethylbenzyl)-2-\{[(1-
propylbutyl) sulfonyl] methyl } propanamide
                   N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N- (3-ethylbenzyl) -4-
{ [(trifluoromethyl) sulfonyl] amino}butanamide
trifluoroacetate (salt)
                   N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-ethylbenzyl) -2-(5-methyl-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-dioxo-1,3-diox
dihydro-2H-isoindol-2-yl) acetamide
                   N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-hydroxypropyl)-5-methyl-N', N'-
dipropylisophthalamide
                   N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-[1-(hydroxymethyl)propyl] -5-methyl-N', N'-
dipropylisophthalamide
                   N^{1}-[(2R, 3S)-3-amino-4-(3,5-dichlorophenyl)-2-
hydroxybutyl] -N^1-benzyl-N^3, N^3-dipropylbenzene-1, 3, 5-
tricarboxamide
                   N-[(2R,3S)-3-amino-2-hydroxy-4-phenylbutyl]-3-{[(2-mino-2-hydroxy-4-phenylbutyl]-3-{[(2-mino-2-hydroxy-4-phenylbutyl]-3-{[(2-mino-2-hydroxy-4-phenylbutyl]-3-{[(2-mino-2-hydroxy-4-phenylbutyl]-3-{[(2-mino-2-hydroxy-4-phenylbutyl]-3-{[(2-mino-2-hydroxy-4-phenylbutyl]-3-{[(2-mino-2-hydroxy-4-phenylbutyl]-3-{[(2-mino-2-hydroxy-4-phenylbutyl]-3-{[(2-mino-2-hydroxy-4-phenylbutyl]-3-{[(2-mino-2-hydroxy-4-phenylbutyl]-3-{[(2-mino-2-hydroxy-4-phenylbutyl]-3-{[(2-mino-2-hydroxy-4-phenylbutyl]-3-{[(2-mino-2-hydroxy-4-phenylbutyl]-3-{[(2-mino-2-hydroxy-4-phenylbutyl]-3-{[(2-mino-2-hydroxy-4-phenylbutyl]-3-{[(2-mino-2-hydroxy-4-phenylbutyl]-3-{[(2-mino-2-hydroxy-4-phenylbutyl]-3-{[(2-mino-2-hydroxy-4-phenylbutyl]-3-{[(2-mino-2-hydroxy-4-phenylbutyl]-3-{[(2-mino-2-hydroxy-4-phenylbutyl]-3-{[(2-mino-2-hydroxy-4-phenylbutyl]-3-{[(2-mino-2-hydroxy-4-phenylbutyl]-3-{[(2-mino-2-hydroxy-4-phenylbutyl]-3-{[(2-mino-2-hydroxy-4-phenylbutyl]-3-{[(2-mino-2-hydroxy-4-phenylbutyl]-3-{[(2-mino-2-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-hydroxy-4-h
hydroxyethyl) (propyl) amino] sulfonyl } - N- (3-
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methoxybenzyl)propanamide hydrochloride
            N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-5-(benzylthio)-N-(3-ethylbenzyl)nicotinamide
            N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
\label{localization} \verb|hydroxybutyl| -N- (3-ethylbenzyl) -1 H-pyrazole-5-carboxamide| \\
            N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
\label{localization}  \mbox{hydroxybutyl} \mbox{-6-chloro-N-(3-ethylbenzyl)-3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-oxo-2,3-methyl-2-ox
dihydro-1,3-benzoxazole-5-carboxamide
            N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-ethylbenzyl) -1H-benzimidazole-2-
 carboxamide
            N^1-[(2R,3S)-3-amino-4-cyclohexyl-2-hydroxybutyl]-N^1-(3-
methoxybenzyl) - N^3, N^3-dipropylbenzene-1,3,5-tricarboxamide
            N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-ethylbenzyl) -6-hydroxy-4,7-dimethoxy-1-
benzofuran-5-carboxamide
            N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
 \verb|hydroxybutyl| -5-methyl-N-(4-methylcyclohexyl)-N', N'-\\
 dipropylisophthalamide
             N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
 hydroxybutyl] -N-(3-ethylbenzyl)[1,2,4]triazolo[4,3-
 alpyridine-6-carboxamide
             N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
 hydroxybutyl] -N-(3-ethylbenzyl)-2-hydroxy-4-oxo-4-(2-
 thienyl) butanamide
             N-[(2R,3S)-3-amino-4-(3,5-dichlorophenyl)-2-
 \verb|hydroxybutyl|-N-benzyl-5-methyl-N'|, N'-dipropylisophthalamide|
             N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
 hydroxybutyl]-N-(3-ethylbenzyl)-4-(2-hydroxy-5-
  methylphenyl)-4-oxobutanamide
              N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
  hydroxybutyl] -N-(3-ethylbenzyl)-3-phenoxybenzamide
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4-[(aminocarbonyl)amino]-N-[(2R, 3S)-3-amino-4-(3, 5-
difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)benzamide
            N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-[(1S)-1-(hydroxymethyl)-3-
 (methylthio)propyl]-5-methyl-N', N'-dipropylisophthalamide
            N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-N-(3-ethylbenzyl)-7-hydroxy-4-oxochromane-2-
carboxamide
            N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybuty1] - N - [(1S) - 1 - (hydroxymethy1) - 3 - methylbuty1] - 5 -
methyl-N', N'-dipropylisophthalamide
            N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-[(1R)-1-(hydroxymethyl)propyl]-N',N'-
dipropylisophthalamide
            N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
dipropylisophthalamide
             (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl 2-(2,3-dihydro-1-benzofuran-
5-yl)-1,3-thiazole-4-carboxylate
             (1R, 2S) - 2 - amino - 3 - [3 - (benzyloxy) phenyl] - 1 - { [(3 - (benzyloxy) phenyl] - 1 - { [(3 - (benzyloxy) phenyl] - (3 - (benzyloxy) phenyl] - (3 - (benzyloxy) phenyl] - (3 - (benzyloxy) phenyl] - (3 - (benzyloxy) phenyl] - (3 - (benzyloxy) phenyl] - (3 - (benzyloxy) phenyl] - (3 - (benzyloxy) phenyl] - (3 - (benzyloxy) phenyl] - (3 - (benzyloxy) phenyl] - (3 - (benzyloxy) phenyl] - (3 - (benzyloxy) phenyl] - (3 - (benzyloxy) phenyl] - (3 - (benzyloxy) phenyl] - (3 - (benzyloxy) phenyl) - (3 - (benzyloxy) phenyl) - (3 - (benzyloxy) phenyl) - (3 - (benzyloxy) phenyl) - (3 - (benzyloxy) phenyl) - (3 - (benzyloxy) phenyl) - (3 - (benzyloxy) phenyl) - (3 - (benzyloxy) phenyl) - (3 - (benzyloxy) phenyl) - (3 - (benzyloxy) phenyl) - (3 - (benzyloxy) phenyl) - (3 - (benzyloxy) phenyl) - (3 - (benzyloxy) phenyl) - (3 - (benzyloxy) phenyl) - (3 - (benzyloxy) phenyl) - (3 - (benzyloxy) phenyl) - (3 - (benzyloxy) phenyl) - (3 - (benzyloxy) phenyl) - (3 - (benzyloxy) phenyl) - (3 - (benzyloxy) phenyl) - (3 - (benzyloxy) phenyl) - (3 - (benzyloxy) phenyl) - (3 - (benzyloxy) phenyl) - (3 - (benzyloxy) phenyl) - (3 - (benzyloxy) phenyl) - (3 - (benzyloxy) phenyl) - (3 - (benzyloxy) phenyl) - (3 - (benzyloxy) phenyl) - (3 - (benzyloxy) phenyl) - (3 - (benzyloxy) phenyl) - (3 - (benzyloxy) phenyl) - (3 - (benzyloxy) phenyl) - (3 - (benzyloxy) phenyl) - (3 - (benzyloxy) phenyl) - (3 - (benzyloxy) phenyl) - (3 - (benzyloxy) phenyl) - (3 - (benzyloxy) phenyl) - (3 - (benzyloxy) phenyl) - (3 - (benzyloxy) phenyl) - (3 - (benzyloxy) phenyl) - (3 - (benzyloxy) phenyl) - (3 - (benzyloxy) phenyl) - (3 - (benzyloxy) phenyl) - (3 - (benzyloxy) phenyl) - (3 - (benzyloxy) phenyl) - (3 - (benzyloxy) phenyl) - (3 - (benzyloxy) phenyl) - (3 - (benzyloxy) phenyl) - (3 - (benzyloxy) phenyl) - (3 - (benzyloxy) phenyl) - (3 - (benzyloxy) phenyl) - (3 - (benzyloxy) phenyloxy) - (3 - (benzyloxy) phenyloxy) - (3 - (benzyloxy) phenyloxy) - (3 - (benzyloxy) phenyloxy) - (3 - (benzyloxy) phenyloxy) - (3 - (benzyloxy) phenyloxy) - (3 - (benzylox
methoxybenzyl)amino]methyl}propyl
                                                                                                                                               3 -
[(dipropylamino)carbonyl]-5-methylbenzoate
             (1R, 2S) -2-amino-3-(4-chlorophenyl)-1-\{[(3-
methoxybenzyl)amino]methyl}propyl
                                                                                                                                               3 -
[(dipropylamino)sulfonyl]propanoate
            (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl
                                                                                                                                3 - 0x0 - 3 -
(pentylamino) propanoate
            (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl 3-(trifluoromethoxy)benzoate
        (1R, 2S) -2-amino-3-(3-fluoro-4-methylphenyl)-1-{[(3-
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3 -
methoxybenzyl)amino]methyl}propyl
[(dipropylamino)sulfonyl]propanoate
     (1R, 2S) -2-amino-3-(3-chloro-5-fluorophenyl) -1-{[(3-
methylbutyl)amino]methyl}propyl
                                                             3 -
[(dipropylamino)sulfonyl]propanoate
     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
                                          3-(4,4-dimethyl-2,5-
ethylbenzyl)amino]methyl}propyl
dioxoimidazolidin-1-yl)-2-{[(1-
propylbutyl)sulfonyl]methyl}propanoate
     (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
ethylbenzyl)amino]methyl}propyl
                                                         4-{[4-
(acetylamino)phenyl]amino}-4-oxobutanoate
     (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
ethylbenzyl)amino]methyl}propyl 3-(1-cyanoethyl)benzoate
     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
                                     4-oxo-4-[(5-phenyl-1,3,4-
ethylbenzyl)amino]methyl}propyl
thiadiazol-2-yl)amino]butanoate
     (1R, 2S) -2-amino-1-[(benzylamino)methyl]-3-[3-
                                          3-(aminocarbonyl)-5-
(trifluoromethoxy)phenyl]propyl
[(dipropylamino)carbonyl]benzoate
      (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-({[2-(2-oxo-2-
pyrrolidin-1-ylethoxy) phenyl] amino \methyl) propyl
[(dipropylamino)carbonyl]-5-methylbenzoate
      (1R, 2S) -2-amino-3-(4-chlorophenyl)-1-{[(3-
                                          3-(aminocarbonyl)-5-
methylbutyl)amino]methyl}propyl
[(dipropylamino)carbonyl]benzoate
      (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
ethylbenzyl)amino]methyl}propyl (1,1-dioxidotetrahydro-2-
thienyl)acetate
      (1R, 2S) -2-amino-1-[(benzylamino)methyl]-3-(4-
                                3-[(dipropylamino)carbonyl]-5-
chlorophenyl) propyl
methylbenzoate
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(1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - \{ [(3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - diflu
    ethylbenzyl)amino]methyl}propyl 5-hex-1-yn-1-ylnicotinate
                                        (1R, 2S) -2-amino-3-(3-bromophenyl)-1-{[(3-
   methylbutyl)amino]methyl}propyl
                                                                                                                                                                                                                                                                                                                                                                                                                          3 -
     [(dipropylamino) sulfonyl] propanoate
                                        (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - { [(3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - d
  ethylbenzyl)amino]methyl}propyl
                                                                                                                                                                                                                                                                                     3-methoxyisoxazole-5-
  carboxylate
                                      (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
  ethylbenzyl)amino]methyl}propyl
                                                                                                                                                                                                                                               2,3-dimethyl-1H-indole-7-
  carboxylate
                                      (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
  ethylbenzyl)amino]methyl}propyl
                                                                                                                                                                                                                                                                                   4-(3-chlorophenyl)-2-
  hydroxy-4-oxobutanoate
                                      (1R, 2S) - 2 - amino - 3 - (3 - fluoro - 4 - methoxyphenyl) - 1 - { [(3 - fluoro - 4 - methoxyphenyl) - 1 - { [(3 - fluoro - 4 - methoxyphenyl) - 1 - { [(3 - fluoro - 4 - methoxyphenyl) - 1 - { [(3 - fluoro - 4 - methoxyphenyl) - 1 - { [(3 - fluoro - 4 - methoxyphenyl) - 1 - { [(3 - fluoro - 4 - methoxyphenyl) - 1 - { [(3 - fluoro - 4 - methoxyphenyl) - 1 - { [(3 - fluoro - 4 - methoxyphenyl) - 1 - { [(3 - fluoro - 4 - methoxyphenyl) - 1 - { [(3 - fluoro - 4 - methoxyphenyl) - 1 - { [(3 - fluoro - 4 - methoxyphenyl) - 1 - { [(3 - fluoro - 4 - methoxyphenyl) - 1 - { [(3 - fluoro - 4 - methoxyphenyl) - 1 - { [(3 - fluoro - 4 - methoxyphenyl) - 1 - { [(3 - fluoro - 4 - methoxyphenyl) - 1 - { [(3 - fluoro - 4 - methoxyphenyl) - 1 - { [(3 - fluoro - 4 - methoxyphenyl) - 1 - { [(3 - fluoro - 4 - methoxyphenyl) - 1 - { [(3 - fluoro - 4 - methoxyphenyl) - 1 - { [(3 - fluoro - 4 - methoxyphenyl) - 1 - { [(3 - fluoro - 4 - methoxyphenyl) - 1 - { [(3 - fluoro - 4 - methoxyphenyl) - 1 - { [(3 - fluoro - 4 - methoxyphenyl) - 1 - { [(3 - fluoro - 4 - methoxyphenyl) - 1 - { [(3 - fluoro - 4 - methoxyphenyl) - 1 - { [(3 - fluoro - 4 - methoxyphenyl) - 1 - { [(3 - fluoro - 4 - methoxyphenyl) - 1 - { [(3 - fluoro - 4 - methoxyphenyl) - 1 - { [(3 - fluoro - 4 - methoxyphenyl) - 1 - { [(3 - fluoro - 4 - methoxyphenyl) - 1 - { [(3 - fluoro - 4 - methoxyphenyl) - 1 - { [(3 - fluoro - 4 - methoxyphenyl) - 1 - { [(3 - fluoro - 4 - methoxyphenyl) - 1 - { [(3 - fluoro - 4 - methoxyphenyl) - 1 - { [(3 - fluoro - 4 - methoxyphenyl) - 1 - { [(3 - fluoro - 4 - methoxyphenyl) - 1 - { [(3 - fluoro - 4 - methoxyphenyl) - 1 - { [(3 - fluoro - 4 - methoxyphenyl) - 1 - { [(3 - fluoro - 4 - methoxyphenyl) - 1 - { [(3 - fluoro - 4 - methoxyphenyl) - 1 - { [(3 - fluoro - 4 - methoxyphenyl) - 1 - { [(3 - fluoro - 4 - methoxyphenyl) - 1 - { [(3 - fluoro - 4 - methoxyphenyl) - 1 - { [(3 - fluoro - 4 - methoxyphenyl) - 1 - { [(3 - fluoro - 4 - methoxyphenyl) - [(3 - fluoro - 4 - methoxyphenyl) - 1 - { [(3 - fluoro - 4 - methoxyphenyl) - 1 - { [(3 - fl
 methoxybenzyl)amino]methyl}propyl
                                                                                                                                                                                                                                                                                         3-(aminocarbonyl)-5-
  [(dipropylamino)carbonyl]benzoate
                                      (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluo
ethylbenzyl)amino]methyl}propyl
                                                                                                                                                                                                                                                                                   (1-methyl-1H-indol-3-
yl) (oxo) acetate
                                     (1R, 2S) -2-amino-3-(3-fluoro-4-methylphenyl)-1-{[(3-
methylbutyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-
5-methylbenzoate
                                     (1R, 2S) -2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-
  (4-methylphenyl)propyl 3-[(dipropylamino)sulfonyl]propanoate
                                   (1R, 2S) -2-amino-1-[(benzylamino)methyl]-3-(3-fluoro-4-
methylphenyl)propyl
                                                                                                                                                                                                                                                                                        3-(aminocarbonyl)-5-
 [(dipropylamino)carbonyl]benzoate
                                    (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl
                                                                                                                                                                                                                                                                   [5-(4-methylphenyl)-2H-
tetrazol-2-yl]acetate
                                   (1R, 2S) -2-amino-3-(3, 5-dichlorophenyl)-1-\{[(3-
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methoxybenzyl) amino] methyl propyl
[(dipropylamino)sulfonyl]propanoate
                             (1R, 2S) -2-amino-1-{[(3-methylbutyl)amino]methyl}-3-(2-
                                                                                                                                                                                                                                         3-(aminocarbonyl)-5-
thienyl)propyl
 [(dipropylamino)carbonyl]benzoate
                             (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
ethylbenzyl)amino]methyl}propyl 5-methyl-3-phenylisoxazole-
4-carboxylate
                             (1R, 2S) -2-amino-1-[(benzylamino)methyl]-3-(4-
                                                                                                                                                                               3-[(dipropylamino)carbonyl]-5-
fluorophenyl) propyl
methylbenzoate
                             (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl N-[(methylsulfonyl)acetyl]-
N-pentylglycinate
                              (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - \{ [(3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - d
ethylbenzyl)amino]methyl}propyl
                                                                                                                                                                                                                                                                                                                                  N-(4.
methoxybenzoyl)glycinate
                              (1R, 2S) - 2-amino-3-(3, 5-difluorophenyl)-1-{[(3-
                                                                                                                                                                                                                                                                                                                     N-(2,6-
 ethylbenzyl)amino]methyl}propyl
 difluorobenzoyl)glycinate
                              (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - \{ [(3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - diflu
 ethylbenzyl)amino]methyl}propyl 4-(1H-indol-3-yl)-4-
 oxobutanoate
                               (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
                                                                                                                                                                                                                                                4-[(5-benzyl-1,3,4-
 ethylbenzyl)amino]methyl}propyl
 thiadiazol-2-yl)amino]-4-oxobutanoate
                               (1R, 2S) - 2-amino-3-(3,5-difluorophenyl)-1-{[(3-
                                                                                                                                                                                                                                                                              4-(3-fluoro-4-
 ethylbenzyl)aminolmethyl}propyl
 methoxyphenyl)-4-oxobutanoate
                              ethyl 4-\{[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-(\{3-amino-4-(3,5-difluorophenyl)-2-(\{3-amino-4-(3,5-difluorophenyl)-2-(\{3-amino-4-(3,5-difluorophenyl)-2-(\{3-amino-4-(3,5-difluorophenyl)-2-(\{3-amino-4-(3,5-difluorophenyl)-2-(\{3-amino-4-(3,5-difluorophenyl)-2-(\{3-amino-4-(3,5-difluorophenyl)-2-(\{3-amino-4-(3,5-difluorophenyl)-2-(\{3-amino-4-(3,5-difluorophenyl)-2-(\{3-amino-4-(3,5-difluorophenyl)-2-(\{3-amino-4-(3,5-difluorophenyl)-2-(\{3-amino-4-(3,5-difluorophenyl)-2-(\{3-amino-4-(3,5-difluorophenyl)-2-(\{3-amino-4-(3,5-difluorophenyl)-2-(\{3-amino-4-(3,5-difluorophenyl)-2-(\{3-amino-4-(3,5-difluorophenyl)-2-(\{3-amino-4-(3,5-difluorophenyl)-2-(\{3-amino-4-(3,5-difluorophenyl)-2-(\{3-amino-4-(3,5-difluorophenyl)-2-(\{3-amino-4-(3,5-difluorophenyl)-2-(\{3-amino-4-(3,5-difluorophenyl)-2-(\{3-amino-4-(3,5-difluorophenyl)-2-(\{3-amino-4-(3,5-difluorophenyl)-2-(\{3-amino-4-(3,5-difluorophenyl)-2-(\{3-amino-4-(3,5-difluorophenyl)-2-(\{3-amino-4-(3,5-difluorophenyl)-2-(\{3-amino-4-(3,5-difluorophenyl)-2-(\{3-amino-4-(3,5-difluorophenyl)-2-(\{3-amino-4-(3,5-difluorophenyl)-2-(\{3-amino-4-(3,5-difluorophenyl)-2-(\{3-amino-4-(3,5-difluorophenyl)-2-(\{3-amino-4-(3,5-difluorophenyl)-2-(\{3-amino-4-(3,5-difluorophenyl)-2-(\{3-amino-4-(3,5-difluorophenyl)-2-(\{3-amino-4-(3,5-difluorophenyl)-2-(\{3-amino-4-(3,5-difluorophenyl)-2-(\{3-amino-4-(3,5-difluorophenyl)-2-(\{3-amino-4-(3,5-difluorophenyl)-2-(\{3-amino-4-(3,5-difluorophenyl)-2-(\{3-amino-4-(3,5-difluorophenyl)-2-(\{3-amino-4-(3,5-difluorophenyl)-2-(\{3-amino-4-(3,5-difluorophenyl)-2-(\{3-amino-4-(3,5-difluorophenyl)-2-(\{3-amino-4-(3,5-difluorophenyl)-2-(\{3-amino-4-(3,5-difluorophenyl)-2-(\{3-amino-4-(3,5-difluorophenyl)-2-(\{3-amino-4-(3,5-difluorophenyl)-2-(\{3-amino-4-(3,5-difluorophenyl)-2-(\{3-amino-4-(3,5-difluorophenyl)-2-(\{3-amino-4-(3,5-difluorophenyl)-2-(\{3-amino-4-(3,5-difluorophenyl)-2-(\{3-amino-4-(3,5-difluorophenyl)-2-(\{3-amino-4-(3,5-difluorophenyl)-2-(\{3-amino-4-(3,5-difluorophenyl)-2-(\{3-amino-4-(3,5-(3-amino-4-(3,5-(3-amino-4-(3,5-(3-amino-4-(3,5-(3-amino-4-(3,5-(3-amino-4-(3,5-(3-ami
   [(dipropylamino)carbonyl]-5-
 methylbenzoyl oxy) butyl] amino piperidine-1-carboxylate
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(1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - \{ [(3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - amino - 3 - (3 - amino - 3 - amino - 3 - (3 - amino - 3 - amino - 3 - (3 - amino - 3 - amino - 3 - (3 - amino - 3 - amino - 3 - amino - 3 - (3 - amino - 3 - amino - 3 - amino - 3 - (3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - (3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 
  ethylbenzyl)amino]methyl}propyl
                                                                                                                                        4-(2-fluorobenzoyl)-1H-
 pyrrole-2-carboxylate
                       (1R, 2S) -2-amino-1-[(benzylamino)methyl]-3-(4-
  chlorophenyl) propyl
                                                                                                                                                                    3-(aminocarbonyl)-5-
  [(dipropylamino)carbonyl]benzoate
                      (1R, 2S) -2-amino-1-{[(3-methylbutyl)amino]methyl}-3-[3-
  (trifluoromethyl) phenyl] propyl
                                                                                                                                                                   3-(aminocarbonyl)-5-
  [(dipropylamino)carbonyl]benzoate
                      (1R, 2S) - 2 - amino - 3 - (4 - hydroxyphenyl) - 1 - \{ [(3 - amino - 3 - (4 - hydroxyphenyl) - 1 - (3 - amino - 3 - (4 - hydroxyphenyl) - 1 - (3 - amino - 3 - (4 - hydroxyphenyl) - 1 - (3 - amino - 3 - (4 - hydroxyphenyl) - 1 - (3 - amino - 3 - (4 - hydroxyphenyl) - 1 - (3 - amino - 3 - (4 - hydroxyphenyl) - 1 - (3 - amino - 3 - (4 - hydroxyphenyl) - 1 - (3 - amino - 3 - (4 - hydroxyphenyl) - 1 - (3 - amino - 3 - (4 - hydroxyphenyl) - 1 - (3 - amino - 3 - (4 - hydroxyphenyl) - 1 - (3 - amino - 3 - (4 - hydroxyphenyl) - 1 - (3 - amino - 3 - (4 - hydroxyphenyl) - (3 - amino - 3 - (4 - hydroxyphenyl) - (3 - amino - 3 - (4 - hydroxyphenyl) - (3 - amino - 3 - (4 - hydroxyphenyl) - (3 - amino - 3 - (4 - hydroxyphenyl) - (3 - amino - 3 - (4 - hydroxyphenyl) - (3 - amino - 3 - (4 - hydroxyphenyl) - (3 - amino - 3 - (4 - hydroxyphenyl) - (3 - amino - 3 - (4 - hydroxyphenyl) - (3 - amino - 3 - (4 - hydroxyphenyl) - (3 - amino - 3 - (4 - hydroxyphenyl) - (3 - amino - 3 - (4 - hydroxyphenyl) - (3 - amino - 3 - (4 - hydroxyphenyl) - (3 - amino - 3 - (4 - hydroxyphenyl) - (3 - amino - 3 - (4 - hydroxyphenyl) - (3 - amino - 3 - (4 - hydroxyphenyl) - (3 - amino - 3 - (4 - hydroxyphenyl) - (3 - amino - 3 - (4 - hydroxyphenyl) - (3 - amino - 3 - (4 - hydroxyphenyl) - (3 - amino - 3 - (4 - hydroxyphenyl) - (3 - amino - 3 - (4 - hydroxyphenyl) - (3 - amino - 3 - (4 - hydroxyphenyl) - (3 - amino - 3 - (4 - hydroxyphenyl) - (3 - amino - 3 - amino - 3 - (4 - hydroxyphenyl) - (3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 
 methylbutyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl].
 5-methylbenzoate
                      (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
 ethylbenzyl)amino]methyl}propyl
                                                                                                                                                                                         (4-morpholin-4-
ylphenyl)acetate
                      (1R, 2S) -2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-
 [3-(trifluoromethoxy)phenyl]propyl
                                                                                                                                                                                                                                             3 -
 [(dipropylamino)sulfonyl]propanoate
                     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl) -1-\{[(3-
ethylbenzyl)amino]methyl}propyl
                                                                                                                                                                                                   4-[benzyl(1-
cyclopropylethyl) amino] -4-oxobutanoate
                      (1R, 2S) -2-amino-3-(3, 5-difluorophenyl) -1-\{[(3-
methoxybenzyl)amino]methyl}propyl 3-(2,5-dimethylbenzoyl)-5-
methylbenzoate
                     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl
                                                                                                                                                                                  4-[(2-methoxy-5-
methylphenyl)amino]-4-oxobutanoate
                     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl (3-hydroxyphenyl)acetate
                     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl) -1-\{[(3-
methoxybenzyl)amino]methyl}propyl
                                                                                                                                                                                              3-[hydroxy(2-
methylphenyl) methyl]-5-methylbenzoate
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(1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
ethylbenzyl)amino]methyl}propyl 5-(ethylthio)nicotinate
             (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - { [(3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - diflu
ethylbenzyl)amino]methyl}propyl 4-[4-(2-furoyl)piperazin-1-
yl]-4-oxobutanoate
             (1R,2S)-2-amino-1-[(benzylamino)methyl]-3-(3-fluoro-4-
                                                                              3-[(dipropylamino)carbonyl]-5-
methylphenyl)propyl
methylbenzoate
             (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl
                                                                                                          3-oxoisoindoline-1-
carboxylate
             (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
ethylbenzyl)amino]methyl}propyl 3-(ethylthio)benzoate
             (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
ethylbenzyl)amino]methyl}propyl
                                                                                           thieno[2,3-b] quinoline-2-
carboxylate
              (1R, 2S) - 2-amino-3-(3,5-difluorophenyl) -1-{[(3-
ethylbenzyl)amino]methyl}propyl 3-(4-methyl-1,3-oxazol-2-
yl)benzoate hydrochloride
              (1R, 2S) -2-amino-1-[(benzylamino)methyl]-3-(4-
                                                                                                       3-(aminocarbonyl)-5-
 fluorophenyl) propyl
 [(dipropylamino)carbonyl]benzoate
              (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
                                                                                                                                              2-[2-
 ethylbenzyl)amino]methyl}propyl
 furoyl (methyl) amino] benzoate
              (1R, 2S) - 2-amino-3-(3,5-difluorophenyl)-1-{[(3-
 ethylbenzyl)amino]methyl}propyl
                                                                                                                    2-hydroxy-4-(3-
 methoxyphenyl)-4-oxobutanoate
              (1R, 2S) -2-amino-1-[(cycloheptylamino)methyl]-3-(3,5-
                                                                               3-[(dipropylamino)carbonyl]-5-
 difluorophenyl) propyl
 methylbenzoate
              (1R, 2S) -2-amino-1-{[(3-methylbutyl)amino]methyl}-3-(4-
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methylphenyl) propyl
                                                                                                          3-(aminocarbonyl)-5-
  [(dipropylamino)carbonyl]benzoate
                (1R, 2S) -2-amino-3-(3-fluoro-5-hydroxyphenyl)-1-{[(3-
 methoxybenzyl)amino]methyl}propyl
                                                                                                                                                         3 -
  [(dipropylamino)sulfonyl]propanoate hydrochloride
               (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
 ethylbenzyl)amino]methyl}propyl
                                                                                                    5-hydroxy-1H-indole-2-
 carboxylate
               (1R, 2S) -2-amino-3-(3, 5-difluorophenyl) -1-\{[(3-
 ethylbenzyl)amino]methyl}propyl
                                                                                                 2,2-dimethylchromane-8-
 carboxylate
              (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
 ethylbenzyl)amino]methyl}propyl
                                                                                                           6-benzylpyrazine-2-
carboxylate 4-oxide
              (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
methoxybenzyl)amino]methyl}propyl
                                                                                                                                                      {2-
 [(dipropylamino)sulfonyl]ethyl}carbamate
              (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-({[1-
 (hydroxymethyl) -2-methylpropyl] amino}methyl) propyl
                                                                                                                                                        3 -
 [(dipropylamino)carbonyl]-5-methylbenzoate
              (1R, 2S) -2-amino-1-[(benzylamino)methyl]-3-(3-chloro-5-
fluorophenyl)propyl 3-[(dipropylamino)sulfonyl]propanoate
              (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl
                                                                                                   4-(4-methoxyphenyl)-4-
oxobutanoate
              (1R, 2S) -2-amino-1-[(benzylamino)methyl]-3-(4-
hydroxyphenyl) propyl
                                                                                                        3-(aminocarbonyl)-5-
[(dipropylamino)carbonyl]benzoate
              (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl)] - [(3 - amino - 3 - (3, 5 - difluorophenyl)] - [(3 - amino - 3 - (3, 5 - difluorophenyl)] - [(3 - amino - 3 - (3, 5 - difluorophenyl)] - [(3 - amino - 3 - (3, 5 - difluorophenyl)] - [(3 - amino
ethylbenzyl)amino]methyl}propyl
                                                                                                          3-methyl-4-oxo-3,4-
dihydrophthalazine-1-carboxylate
             (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
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3,4-dihydro-2H-1,5-
ethylbenzyl)amino]methyl}propyl
benzodioxepine-7-carboxylate
                          (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
ethylbenzyl)amino]methyl}propyl [4-(2,5-dioxopyrrolidin-1-
yl)phenoxy]acetate
                           (1R, 2S) - 2 - amino - 3 - (2 - furyl) - 1 - \{ [ (3 - amino - 3 - (2 - furyl) - 1 - (3 - amino - 3 - (2 - furyl) - 1 - (3 - amino - 3 - (2 - furyl) - 1 - (3 - amino - 3 - (2 - furyl) - 1 - (3 - amino - 3 - (2 - furyl) - 1 - (3 - amino - 3 - (2 - furyl) - 1 - (3 - amino - 3 - (2 - furyl) - 1 - (3 - amino - 3 - (2 - furyl) - 1 - (3 - amino - 3 - (2 - furyl) - 1 - (3 - amino - 3 - (2 - furyl) - 1 - (3 - amino - 3 - (2 - furyl) - 1 - (3 - amino - 3 - (2 - furyl) - 1 - (3 - amino - 3 - (2 - furyl) - 1 - (3 - amino - 3 - (2 - furyl) - 1 - (3 - amino - 3 - (2 - furyl) - 1 - (3 - amino - 3 - (2 - furyl) - 1 - (3 - amino - 3 - (2 - furyl) - 1 - (3 - amino - 3 - (2 - furyl) - 1 - (3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - (3 - furyl) - (3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - amino - 3
                                                                                                                                                                                                                     3-(aminocarbonyl)-5-
 methoxybenzyl)amino]methyl}propyl
  [(dipropylamino)carbonyl]benzoate
                           (1R, 2S) -2-amino-3-(3,5-difluorophenyl) -1-{[(3-
 ethylbenzyl)amino]methyl}propyl
                                                                                                                                                                                                                            5-methyl-4-oxo-3,4-
 dihydrothieno[2,3-d]pyrimidine-6-carboxylate
                            (1R, 2S) - 2 - amino - 3 - (1, 3 - benzodioxol - 5 - y1) - 1 - \{ [(3 - y1) - 1 - (3 - y1) - 1 - (3 - y1) - 1 - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1) - (3 - y1)
 methylbutyl)amino]methyl}propyl
                                                                                                                                                                                                                 3-(aminocarbonyl)-5-
  [(dipropylamino)carbonyl]benzoate
                            (1R, 2S) -2-amino-3-(3-chloro-5-fluorophenyl) -1-{[(3-
                                                                                                                                                                                                                      5-(dipropylamino)-5-
 methoxybenzyl)amino]methyl}propyl
 oxopentanoate
                            (1R, 2S) -2-amino-3-(3,5-difluorophenyl) -1-{[(3-
  ethylbenzyl)amino]methyl}propyl 6-fluoro-2-hydroxyquinoline-
  4-carboxylate
                             (1R, 2S) -2-amino-3-(3,5-difluorophenyl) -1-{[(3-
  ethylbenzyl)amino]methyl}propyl 4-oxo-4-(2-thienyl)butanoate
                             (1R, 2R) -2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-
                                                                                                                                                                                                                       3-(aminocarbonyl)-5-
   (phenylthio) propyl
   [(dipropylamino)carbonyl]benzoate
                              (1R, 2S) -2-amino-3-(3, 5-difluorophenyl) -1-(\{(1R) -1-
   (hydroxymethyl) -2-methylpropyl] amino } methyl) propyl
                                                                                                                                                                                                                                                                                                                         3 -
    [(dipropylamino)carbonyl]-5-methylbenzoate
                              (1R, 2S) -2-amino-3-(3, 5-difluorophenyl) -1-(\{[(1R, 2S) -1]
    (hydroxymethyl) -2-methylbutyl]amino}methyl)propyl
                                                                                                                                                                                                                                                                                                                         3 -
    [(dipropylamino)carbonyl]-5-methylbenzoate
                     (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - \{ [(3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - diflu
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ethylbenzyl)amino]methyl}propyl 2-(phenoxymethyl)benzoate
         (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
 ethylbenzyl)amino]methyl}propyl
                                                                                      5-[(2,4-
 difluorophenyl)amino]-5-oxopentanoate
         (1R, 2S) -2-amino-3-(3,5-difluorophenyl) -1-{[(3-
 ethylbenzyl)amino]methyl}propyl 5-[(4,6-dimethylpyrimidin-2-
yl)amino]-5-oxopentanoate
         (1R, 2S) -2-amino-3-(3, 5-difluorophenyl) -1-\{[(3-
methoxybenzyl)amino]methyl}propyl 3-(3-methoxybenzoyl)-5-
methylbenzoate
         (1R, 2S) - 2 - amino - 3 - [3 - (benzyloxy) phenyl] - 1 - { [(3 - amino - 3 - [3 - (benzyloxy) phenyl] - 1 - { [(3 - amino - 3 - [3 - (benzyloxy) phenyl] - 1 - { [(3 - amino - 3 - [3 - (benzyloxy) phenyl] - 1 - { [(3 - amino - 3 - [3 - (benzyloxy) phenyl] - 1 - { [(3 - amino - 3 - [3 - (benzyloxy) phenyl] - 1 - { [(3 - amino - 3 - [3 - (benzyloxy) phenyl] - 1 - { [(3 - amino - 3 - [3 - (benzyloxy) phenyl] - 1 - { [(3 - amino - 3 - [3 - (benzyloxy) phenyl] - 1 - { [(3 - amino - 3 - [3 - (benzyloxy) phenyl] - 1 - { [(3 - amino - 3 - [3 - (benzyloxy) phenyl] - 1 - { [(3 - amino - 3 - [3 - (benzyloxy) phenyl] - 1 - { [(3 - amino - 3 - [3 - (benzyloxy) phenyl] - 1 - { [(3 - amino - 3 - [3 - (benzyloxy) phenyl] - 1 - { [(3 - amino - 3 - [3 - (benzyloxy) phenyl] - 1 - { [(3 - amino - 3 - [3 - (benzyloxy) phenyloxy) phenyloxy) phenyloxy} }
methoxybenzyl)amino]methyl}propyl
                                                                  3-(aminocarbonyl)-5-
 [(dipropylamino)carbonyl]benzoate
         (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl 4-(3,4-dichlorophenyl)-4-
oxobutanoate
         (1R, 2S) -2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-
[4-(methoxycarbonyl)phenyl]propyl
                                                                                                3 .
[(dipropylamino)carbonyl]-5-methylbenzoate
         (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl 5-[(4-acetylphenyl)amino]-5-
oxopentanoate
        (1R, 2S) -2-amino-3-[4-(benzyloxy)phenyl]-1-{[(3-
methoxybenzyl)amino]methyl}propyl
                                                                                               3 -
[(dipropylamino)carbonyl]-5-methylbenzoate
        (1R, 2R) -2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-
(phenylthio)propyl
                                                 3-[(dipropylamino)carbonyl]-5-
methylbenzoate
        (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl
                                                                                        3-({2-
[(methylamino)carbonyl]phenyl}thio)propanoate
        (1R, 2S) -2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-
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phenylpropyl 3-[(1-propylbutyl)thio]propanoate hydrochloride
            (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
ethylbenzyl)amino]methyl}propyl 4-[(4-ethoxyphenyl)amino]-4-
oxobutanoate
            (1R, 2S) -2-amino-3-[3-(benzyloxy)-5-fluorophenyl]-1-
{[(3-methylbutyl)amino]methyl}propyl 3-(aminocarbonyl)-5-
 [(dipropylamino)carbonyl]benzoate
            (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-({[2-({[(3-
methoxyphenyl)amino]carbonyl}oxy)ethyl]amino}methyl)propyl
3-[(dipropylamino)carbonyl]-5-methylbenzoate
            N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -2 - (2,3-dihydro-1-benzofuran-5-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-
ethylbenzyl) -1,3-thiazole-4-carboxamide
            N-\{(2R,3S)-3-amino-4-[3-(benzyloxy)phenyl]-2-
hydroxybutyl}-N-(3-methoxybenzyl)-5-methyl-N',N'-
dipropylisophthalamide
            N-[(2R,3S)-3-amino-4-(4-chlorophenyl)-2-hydroxybutyl]-
 3-[(dipropylamino)sulfonyl]-N-(3-methoxybenzyl)propanamide
            N-[(2R, 3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-N-(3-ethylbenzyl)-N'-pentylmalonamide
            N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
 hydroxybutyl]-N-(3-ethylbenzyl)-3-
 (trifluoromethoxy) benzamide
            N-[(2R,3S)-3-amino-4-(3-fluoro-4-methylphenyl)-2-
 hydroxybutyl] -3-[(dipropylamino)sulfonyl]-N-(3-
 methoxybenzyl)propanamide
            N-[(2R,3S)-3-amino-4-(3-chloro-5-fluorophenyl)-2-
 hydroxybutyl]-3-[(dipropylamino)sulfonyl]-N-(3-
 methylbutyl)propanamide
             N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
 hydroxybutyl] -3 - (4,4-dimethyl-2,5-dioxoimidazolidin-1-yl) -N-
  (3-ethylbenzyl)-2-{[(1-
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propylbutyl)sulfonyl]methyl}propanamide
      N' - [4 - (acetylamino)phenyl] - N - [(2R, 3S) - 3 - amino - 4 - (3, 5 - 3)]
difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)succinamide
      N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -3-(1-cyanoethyl) -N-(3-ethylbenzyl)benzamide
      N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-ethylbenzyl) -N'-(5-phenyl-1,3,4-
thiadiazol-2-yl) succinamide
     N^{1}-\{(2R,3S)-3-amino-2-hydroxy-4-[3-
(trifluoromethoxy) phenyl] butyl \} - N^1-benzyl - N^3, N^3-
dipropylbenzene-1,3,5-tricarboxamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -5-methyl-N-[2-(2-oxo-2-pyrrolidin-1-
ylethoxy) phenyl] -N', N'-dipropylisophthalamide
     N^{1}-[(2R,3S)-3-amino-4-(4-chlorophenyl)-2-hydroxybutyl]-
N^{1}-(3-methylbutyl)-N^{3}, N^{3}-dipropylbenzene-1,3,5-tricarboxamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -2-(1,1-dioxidotetrahydro-2-thienyl) -N-(3-
ethylbenzyl)acetamide
     N-[(2R,3S)-3-amino-4-(4-chlorophenyl)-2-hydroxybutyl]-
N-benzyl-5-methyl-N', N'-dipropylisophthalamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-N-(3-ethylbenzyl)-5-hex-1-yn-1-ylnicotinamide
     N-[(2R,3S)-3-amino-4-(3-bromophenyl)-2-hydroxybutyl]-3-
[(dipropylamino)sulfonyl]-N-(3-methylbutyl)propanamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-N-(3-ethylbenzyl)-3-methoxyisoxazole-5-
carboxamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-ethylbenzyl)-2,3-dimethyl-1H-indole-7-
carboxamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
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hydroxybutyl]-4-(3-chlorophenyl)-N-(3-ethylbenzyl)-2-
hydroxy-4-oxobutanamide
             N^{1}-[(2R,3S)-3-amino-4-(3-fluoro-4-methoxyphenyl)-2-
hydroxybutyl] -N^1-(3-methoxybenzyl) -N^3, N^3-dipropylbenzene-
1,3,5-tricarboxamide
             N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-ethylbenzyl)-2-(1-methyl-1H-indol-3-yl)-
2-oxoacetamide
             N-[(2R,3S)-3-amino-4-(3-fluoro-4-methylphenyl)-2-
hydroxybutyl]-5-methyl-N-(3-methylbutyl)-N', N'-
dipropylisophthalamide
              N-[(2R,3S)-3-amino-2-hydroxy-4-(4-methylphenyl)butyl]-
3-[(dipropylamino)sulfonyl]-N-(3-methoxybenzyl)propanamide
              N^{1}-[(2R,3S)-3-amino-4-(3-fluoro-4-methylphenyl)-2-
hydroxybutyl] -N^1-benzyl-N^3, N^3-dipropylbenzene-1, 3, 5-
tricarboxamide
              N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-N-(3-ethylbenzyl)-2-[5-(4-methylphenyl)-2H-
tetrazol-2-yl]acetamide
              N-[(2R,3S)-3-amino-4-(3,5-dichlorophenyl)-2-
hydroxybutyl] -3-[(dipropylamino)sulfonyl] -\hat{N}-(3-
methoxybenzyl)propanamide
              N^{1}-[(2R,3S)-3-amino-2-hydroxy-4-(2-thienyl)butyl]-N^{1}-(3-
methylbutyl) - N^3, N^3-dipropylbenzene-1,3,5-tricarboxamide
              N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-N-(3-ethylbenzyl)-5-methyl-3-phenylisoxazole-
4-carboxamide
              N-[(2R,3S)-3-amino-4-(4-fluorophenyl)-2-hydroxybutyl]-
N-benzyl-5-methyl-N', N'-dipropylisophthalamide
              N^{1}-[(2R, 3S)-3-amino-4-(3, 5-difluorophenyl)-2-
\label{eq:hydroxybutyl} \ -N^1-(3-\text{ethylbenzyl}) \ -N^2-[\ (\text{methylsulfonyl})\ \text{acetyl}] \ -N^2-[\ (\text{methylsulfonyl})\ \text{acetyl}] \ -N^2-[\ (\text{methylsulfonyl})\ \text{acetyl}] \ -N^2-[\ (\text{methylsulfonyl})\ \text{acetyl}] \ -N^2-[\ (\text{methylsulfonyl})\ \text{acetyl}] \ -N^2-[\ (\text{methylsulfonyl})\ \text{acetyl}] \ -N^2-[\ (\text{methylsulfonyl})\ \text{acetyl}] \ -N^2-[\ (\text{methylsulfonyl})\ \text{acetyl}] \ -N^2-[\ (\text{methylsulfonyl})\ \text{acetyl}] \ -N^2-[\ (\text{methylsulfonyl})\ \text{acetyl}] \ -N^2-[\ (\text{methylsulfonyl})\ \text{acetyl}] \ -N^2-[\ (\text{methylsulfonyl})\ \text{acetyl}] \ -N^2-[\ (\text{methylsulfonyl})\ \text{acetyl}] \ -N^2-[\ (\text{methylsulfonyl})\ \text{acetyl}] \ -N^2-[\ (\text{methylsulfonyl})\ \text{acetyl}] \ -N^2-[\ (\text{methylsulfonyl})\ \text{acetyl}] \ -N^2-[\ (\text{methylsulfonyl})\ \text{acetyl}] \ -N^2-[\ (\text{methylsulfonyl})\ \text{acetyl}] \ -N^2-[\ (\text{methylsulfonyl})\ \text{acetyl}] \ -N^2-[\ (\text{methylsulfonyl})\ \text{acetyl}] \ -N^2-[\ (\text{methylsulfonyl})\ \text{acetyl}] \ -N^2-[\ (\text{methylsulfonyl})\ \text{acetyl}] \ -N^2-[\ (\text{methylsulfonyl})\ \text{acetyl}] \ -N^2-[\ (\text{methylsulfonyl})\ \text{acetyl}] \ -N^2-[\ (\text{methylsulfonyl})\ \text{acetyl}] \ -N^2-[\ (\text{methylsulfonyl})\ \text{acetyl}] \ -N^2-[\ (\text{methylsulfonyl})\ \text{acetyl}] \ -N^2-[\ (\text{methylsulfonyl})\ \text{acetyl}] \ -N^2-[\ (\text{methylsulfonyl})\ \text{acetyl}] \ -N^2-[\ (\text{methylsulfonyl})\ \text{acetyl}] \ -N^2-[\ (\text{methylsulfonyl})\ \text{acetyl}] \ -N^2-[\ (\text{methylsulfonyl})\ \text{acetyl}] \ -N^2-[\ (\text{methylsulfonyl})\ \text{acetyl}] \ -N^2-[\ (\text{methylsulfonyl})\ \text{acetyl}] \ -N^2-[\ (\text{methylsulfonyl})\ \text{acetyl}] \ -N^2-[\ (\text{methylsulfonyl})\ \text{acetyl}] \ -N^2-[\ (\text{methylsulfonyl})\ \text{acetyl}] \ -N^2-[\ (\text{methylsulfonyl})\ \text{acetyl}] \ -N^2-[\ (\text{methylsulfonyl})\ \text{acetyl}] \ -N^2-[\ (\text{methylsulfonyl})\ \text{acetyl}] \ -N^2-[\ (\text{methylsulfonyl})\ \text{acetyl}] \ -N^2-[\ (\text{methylsulfonyl})\ \text{acetyl}] \ -N^2-[\ (\text{methylsulfonyl})\ \text{acetyl}] \ -N^2-[\ (\text{methylsulfonyl})\ \text{acetyl}] \ -N^2-[\ (\text{methylsulfonyl})\ \text{acetyl}] \ -N^2-[\ (\text{methylsulfonyl})\ \text{acetyl}] \ -N^2-[\ (\text{methylsulfonyl})\ \text{acetyl}] \ -N^2-[\ (\text{methyls
N^2-pentylglycinamide
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N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
 hydroxybutyl] -N-(3-ethylbenzyl) -4-(1H-indol-3-yl) -4-
 oxobutanamide
             N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
 \label{eq:hydroxybutyl]-N'-(5-benzyl-1,3,4-thiadiazol-2-yl)-N-(3-benzyl-1,3,4-thiadiazol-2-yl)-N-(3-benzyl-1,3,4-thiadiazol-2-yl)-N-(3-benzyl-1,3,4-thiadiazol-2-yl)-N-(3-benzyl-1,3,4-thiadiazol-2-yl)-N-(3-benzyl-1,3,4-thiadiazol-2-yl)-N-(3-benzyl-1,3,4-thiadiazol-2-yl)-N-(3-benzyl-1,3,4-thiadiazol-2-yl)-N-(3-benzyl-1,3,4-thiadiazol-2-yl)-N-(3-benzyl-1,3,4-thiadiazol-2-yl)-N-(3-benzyl-1,3,4-thiadiazol-2-yl)-N-(3-benzyl-1,3,4-thiadiazol-2-yl)-N-(3-benzyl-1,3,4-thiadiazol-2-yl)-N-(3-benzyl-1,3,4-thiadiazol-2-yl)-N-(3-benzyl-1,3,4-thiadiazol-2-yl)-N-(3-benzyl-1,3,4-thiadiazol-2-yl)-N-(3-benzyl-1,3,4-thiadiazol-2-yl)-N-(3-benzyl-1,3,4-thiadiazol-2-yl)-N-(3-benzyl-1,3,4-thiadiazol-2-yl)-N-(3-benzyl-1,3,4-thiadiazol-2-yl)-N-(3-benzyl-1,3,4-thiadiazol-2-yl)-N-(3-benzyl-1,3,4-thiadiazol-2-yl)-N-(3-benzyl-1,3,4-thiadiazol-2-yl)-N-(3-benzyl-1,3,4-thiadiazol-2-yl)-N-(3-benzyl-1,3,4-thiadiazol-2-yl)-N-(3-benzyl-1,3,4-thiadiazol-2-yl)-N-(3-benzyl-1,3,4-thiadiazol-2-yl)-N-(3-benzyl-1,3,4-thiadiazol-2-yl)-N-(3-benzyl-1,3,4-thiadiazol-2-yl)-N-(3-benzyl-1,3,4-thiadiazol-2-yl)-N-(3-benzyl-1,3,4-thiadiazol-2-yl)-N-(3-benzyl-1,3,4-thiadiazol-2-yl)-N-(3-benzyl-1,3,4-thiadiazol-2-yl)-N-(3-benzyl-1,3,4-thiadiazol-2-yl)-N-(3-benzyl-1,3,4-thiadiazol-2-yl)-N-(3-benzyl-1,3,4-thiadiazol-2-yl)-N-(3-benzyl-1,3,4-thiadiazol-2-yl)-N-(3-benzyl-1,3,4-thiadiazol-2-yl)-N-(3-benzyl-1,3,4-thiadiazol-2-yl)-N-(3-benzyl-1,3,4-thiadiazol-2-yl)-N-(3-benzyl-1,3,4-thiadiazol-2-yl)-N-(3-benzyl-1,3,4-thiadiazol-2-yl)-N-(3-benzyl-1,3,4-thiadiazol-2-yl)-N-(3-benzyl-1,3,4-thiadiazol-2-yl)-N-(3-benzyl-1,3,4-thiadiazol-2-yl)-N-(3-benzyl-1,3,4-thiadiazol-2-yl)-N-(3-benzyl-1,3,4-thiadiazol-2-yl)-N-(3-benzyl-1,3,4-thiadiazol-2-yl)-N-(3-benzyl-1,3,4-thiadiazol-2-yl)-N-(3-benzyl-1,3,4-thiadiazol-2-yl)-N-(3-benzyl-1,3,4-thiadiazol-2-yl)-N-(3-benzyl-1,3,4-thiadiazol-2-yl)-N-(3-benzyl-1,3,4-thiadiazol-2-yl)-N-(3-benzyl-1,3,4-thiadiazol-2-yl)-N-(3-benzyl-1,3,4-thiadiazol-2-yl)-N-(3-benzyl-1,3,4-thiadiazol-2-yl)-N-(3-benzyl-1,3,4-thiadiazol-2-yl)-N-(3-benzyl-1,3,4-thiadi
 ethylbenzyl) succinamide
             N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
 hydroxybutyl]-N-(3-ethylbenzyl)-4-(3-fluoro-4-
 methoxyphenyl)-4-oxobutanamide
             ethyl
                                        4-([(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] {3-[(dipropylamino)carbonyl]-5-
methylbenzoyl}amino)piperidine-1-carboxylate
             N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-ethylbenzyl) -4-(2-fluorobenzoyl) -1H-
pyrrole-2-carboxamide
             N^{1}-[(2R,3S)-3-amino-4-(4-chlorophenyl)-2-hydroxybutyl]-
N^1-benzyl-N^3, N^3-dipropylbenzene-1,3,5-tricarboxamide
             N^{1} - \{ (2R, 3S) - 3 - \text{amino} - 2 - \text{hydroxy} - 4 - [3 - 3] \}
 (trifluoromethyl) phenyl] butyl\}-N^1-(3-\text{methylbutyl})-N^3,N^3-
dipropylbenzene-1,3,5-tricarboxamide
            N-[(2R,3S)-3-amino-2-hydroxy-4-(4-hydroxyphenyl)butyl]-
5-methyl-N-(3-methylbutyl)-N',N'-dipropylisophthalamide
            N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-N-(3-ethylbenzyl)-2-(4-morpholin-4-
ylphenyl) acetamide
            N-\{(2R,3S)-3-amino-2-hydroxy-4-[3-
(trifluoromethoxy) phenyl] butyl} -3-[(dipropylamino) sulfonyl] -
N-(3-methoxybenzyl) propanamide
            N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] - N' - benzyl - N' - (1-cyclopropylethyl) - N- (3-
ethylbenzyl) succinamide
           N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
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hydroxybutyl]-3-(2,5-dimethylbenzoyl)-N-(3-methoxybenzyl)-5-
methylbenzamide
    N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-ethylbenzyl) -N'-(2-methoxy-5-
methylphenyl) succinamide
    N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-N-(3-ethylbenzyl)-2-(3-hydroxyphenyl)acetamide
    N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -3-[hydroxy(2-methylphenyl)methyl]-N-(3-
methoxybenzyl)-5-methylbenzamide
    N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-ethylbenzyl) -5-(ethylthio)nicotinamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-ethylbenzyl)-4-[4-(2-furoyl)piperazin-1-
vll-4-oxobutanamide
     N-[(2R,3S)-3-amino-4-(3-fluoro-4-methylphenyl)-2-
hydroxybutyl] - N-benzyl-5-methyl-N', N'-dipropylisophthalamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] - N - (3 - ethylbenzyl) - 3 - oxoisoindoline - 1 -
carboxamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-ethylbenzyl)-3-(ethylthio)benzamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-ethylbenzyl)thieno[2,3-b]quinoline-2-
carboxamide
     N-(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
yl)benzamide hydrochloride
     N^1-[(2R,3S)-3-amino-4-(4-fluorophenyl)-2-hydroxybutyl]-
N^1-benzyl-N^3, N^3-dipropylbenzene-1, 3, 5-tricarboxamide
     N-(2-\{[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] (3-ethylbenzyl)amino]carbonyl}phenyl)-N-methyl-
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2-furamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-N-(3-ethylbenzyl)-2-hydroxy-4-(3-
methoxyphenyl) - 4 - oxobutanamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-N-cycloheptyl-5-methyl-N', N'-
dipropylisophthalamide
     N^{1} - [(2R, 3S) - 3 - amino - 2 - hydroxy - 4 - (4 - methylphenyl) butyl] -
N^1-(3-methylbutyl)-N^3, N^3-dipropylbenzene-1,3,5-tricarboxamide
     N-[(2R,3S)-3-amino-4-(3-fluoro-5-hydroxyphenyl)-2-
hydroxybutyl] -3-[(dipropylamino)sulfonyl]-N-(3-
methoxybenzyl)propanamide hydrochloride
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-N-(3-ethylbenzyl)-5-hydroxy-1H-indole-2-
carboxamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-N-(3-ethylbenzyl)-2,2-dimethylchromane-8-
carboxamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-6-benzyl-N-(3-ethylbenzyl)pyrazine-2-
carboxamide 4-oxide
     2-({[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl](3-methoxybenzyl)amino]carbonyl}amino)-N,N-
dipropylethanesulfonamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-[(1R)-1-(hydroxymethyl)-2-methylpropyl]-5-
methyl-N', N'-dipropylisophthalamide
     N-[(2R,3S)-3-amino-4-(3-chloro-5-fluorophenyl)-2-
hydroxybutyl]-N-benzyl-3-
[(dipropylamino)sulfonyl]propanamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-ethylbenzyl) -4-(4-methoxyphenyl) -4-
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oxobutanamide
                            N^{1}-[(2R,3S)-3-amino-2-hydroxy-4-(4-
hydroxyphenyl) butyl] -N^1-benzyl -N^3, N^3-dipropylbenzene-1,3,5-
tricarboxamide
                            N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] - N - (3 - ethylbenzyl) - 3 - methyl - 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 
dihydrophthalazine-1-carboxamide
                            N-[(2R, 3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-N-(3-ethylbenzyl)-3,4-dihydro-2H-1,5-
benzodioxepine-7-carboxamide
                            N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -2-[4-(2,5-dioxopyrrolidin-1-yl)phenoxy]-N-(3-
ethylbenzyl) acetamide
                            N^{1}-[(2R,3S)-3-amino-4-(2-furyl)-2-hydroxybutyl]-N^{1}-(3-
methoxybenzyl) - N^3, N^3-dipropylbenzene-1,3,5-tricarboxamide
                            N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] - N - (3 - ethylbenzyl) - 5 - methyl - 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 - oxo - 3, 4 
dihydrothieno [2,3-d] pyrimidine-6-carboxamide
                            N^{1}-[(2R,3S)-3-amino-4-(1,3-benzodioxol-5-yl)-2-
hydroxybutyl] -N^1 - (3-methylbutyl) -N^3, N^3 - dipropylbenzene - 1, 3, 5 -
 tricarboxamide
                            N-[(2R,3S)-3-amino-4-(3-chloro-5-fluorophenyl)-2-
hydroxybutyl] -N-(3-methoxybenzyl) -N', N'-
 dipropylpentanediamide
                            N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-ethylbenzyl)-6-fluoro-2-hydroxyquinoline-
 4-carboxamide
                             N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-ethylbenzyl) -4-oxo-4-(2-
 thienyl) butanamide
                             N^3 - \{ [(2R, 3S) - 3 - amino - 4 - (3, 5 - difluorophenyl) - 2 - amino - 4 - (3, 5 - difluorophenyl) - 2 - amino - 4 - (3, 5 - difluorophenyl) - 2 - amino - 4 - (3, 5 - difluorophenyl) - 2 - amino - 4 - (3, 5 - difluorophenyl) - 2 - amino - 4 - (3, 5 - difluorophenyl) - 2 - amino - 4 - (3, 5 - difluorophenyl) - 2 - amino - 4 - (3, 5 - difluorophenyl) - 2 - amino - 4 - (3, 5 - difluorophenyl) - 2 - amino - 4 - (3, 5 - difluorophenyl) - 2 - amino - 4 - (3, 5 - difluorophenyl) - 2 - amino - 4 - (3, 5 - difluorophenyl) - 2 - amino - 4 - (3, 5 - difluorophenyl) - 2 - amino - 4 - (3, 5 - difluorophenyl) - 2 - amino - 4 - (3, 5 - difluorophenyl) - 2 - amino - 4 - (3, 5 - difluorophenyl) - 2 - amino - 4 - (3, 5 - difluorophenyl) - 2 - amino - 4 - (3, 5 - difluorophenyl) - 2 - amino - 4 - (3, 5 - difluorophenyl) - 2 - amino - 4 - (3, 5 - difluorophenyl) - 2 - amino - 4 - (3, 5 - difluorophenyl) - 2 - amino - 4 - (3, 5 - difluorophenyl) - 2 - amino - 4 - (3, 5 - difluorophenyl) - 2 - amino - 4 - (3, 5 - difluorophenyl) - 2 - amino - 4 - (3, 5 - difluorophenyl) - 2 - amino - 4 - (3, 5 - difluorophenyl) - 2 - amino - 4 - (3, 5 - difluorophenyl) - 2 - amino - 4 - (3, 5 - difluorophenyl) - 2 - amino - 4 - (3, 5 - difluorophenyl) - 2 - amino - 4 - (3, 5 - difluorophenyl) - 2 - amino - 4 - (3, 5 - difluorophenyl) - 2 - amino - 4 - (3, 5 - difluorophenyl) - 2 - amino - 4 - (3, 5 - difluorophenyl) - 2 - amino - 4 - (3, 5 - difluorophenyl) - 2 - amino - 4 - (3, 5 - difluorophenyl) - 2 - amino - 4 - (3, 5 - difluorophenyl) - 2 - amino - 4 - (3, 5 - difluorophenyl) - 3 - amino - 4 - (3, 5 - difluorophenyl) - 3 - amino - 4 - (3, 5 - difluorophenyl) - 3 - amino - 4 - (3, 5 - difluorophenyl) - 3 - amino - 4 - (3, 5 - difluorophenyl) - 3 - amino - 4 - (3, 5 - difluorophenyl) - 3 - amino - 4 - (3, 5 - difluorophenyl) - 3 - amino - 4 - (3, 5 - difluorophenyl) - 3 - amino - 4 - (3, 5 - difluorophenyl) - 3 - amino - 4 - (3, 5 - difluorophenyl) - 3 - amino - 4 - (3, 5 - difluorophenyl) - 3 - amino - 4 - (3, 5 - difluorophenyl) - 3 - amin
hydroxybutyl] (3-methoxybenzyl) amino] carbonyl\}-N^1, N^1-dipropyl-
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β-alaninamide
      N^1-[(2R,3R)-3-amino-2-hydroxy-4-(phenylthio)butyl]-N^1-
(3-methoxybenzyl) - N^3, N^3-dipropylbenzene-1,3,5-tricarboxamide
      N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] - N- [(1R) - 1- (hydroxymethyl) - 2-methylpropyl] - 5-
methyl-N', N'-dipropylisophthalamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] - N - [(1R, 2S) - 1 - (hydroxymethyl) - 2 - methylbutyl] - 5 -
methyl-N', N'-dipropylisophthalamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-N-(3-ethylbenzyl)-2-(phenoxymethyl)benzamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N' - (2, 4-difluorophenyl) - N- (3-
ethylbenzyl) pentanediamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N' - (4, 6-dimethylpyrimidin-2-yl) - N- (3-
ethylbenzyl) pentanediamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-3-(3-methoxybenzoyl)-N-(3-methoxybenzyl)-5-
methylbenzamide
     N^{1} - \{ (2R, 3S) - 3 - \text{amino} - 4 - [3 - (\text{benzyloxy}) \text{ phenyl}] - 2 - (\text{benzyloxy}) \}
hydroxybutyl\}-N^1-(3-methoxybenzyl)-N^3, N^3-dipropylbenzene-
1,3,5-tricarboxamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-4-(3,4-dichlorophenyl)-N-(3-ethylbenzyl)-4-
oxobutanamide
     methyl
                                        4 - \{(2S, 3R) - 2 - \text{amino} - 4 - [\{3 - 4\} - \{3\}]\}
[(dipropylamino)carbonyl]-5-methylbenzoyl)(3-
methoxybenzyl)amino]-3-hydroxybutyl}benzoate
     N' - (4-acetylphenyl) - N - [(2R, 3S) - 3-amino - 4 - (3, 5 - 4)]
difluorophenyl) -2-hydroxybutyl] -N-(3-
ethylbenzyl)pentanediamide
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N-\{(2R,3S)-3-amino-4-[4-(benzyloxy)phenyl]-2-
hydroxybutyl}-N-(3-methoxybenzyl)-5-methyl-N', N'-
dipropylisophthalamide
            N-[(2R,3R)-3-amino-2-hydroxy-4-(phenylthio)butyl]-N-(3-
methoxybenzyl)-5-methyl-N', N'-dipropylisophthalamide
            2-({3-[[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] (3-ethylbenzyl) amino] -3-oxopropyl }thio) -N-
methylbenzamide
            N-[(2R,3S)-3-amino-2-hydroxy-4-phenylbutyl]-N-(3-max)
methoxybenzyl)-3-[(1-propylbutyl)thio]propanamide
hydrochloride
            N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N' - (4-ethoxyphenyl) -N- (3-ethoxyphenyl)
ethylbenzyl) succinamide
            N^{1} - \{ (2R, 3S) - 3 - \text{amino} - 4 - [3 - (\text{benzyloxy}) - 5 - \text{fluorophenyl}] - 2 - (\text{benzyloxy}) - 5 - \text{fluorophenyl} \}
hydroxybutyl\}-N^1-(3-methylbutyl)-N^3,N^3-dipropylbenzene-1,3,5-
tricarboxamide
             2-([(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] {3-[(dipropylamino)carbonyl]-5-
methylbenzoyl}amino)ethyl (3-methoxyphenyl)carbamate
             (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
ethylbenzyl)amino]methyl}propyl 3-(benzyloxy)benzoate
             (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-(\{[(1S)-2-(1R, 2S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1S), (1
                                                                                                                                                       3 -
hydroxy-1-methylethyl]amino}methyl)propyl
[(dipropylamino)carbonyl]-5.-methylbenzoate
              (1R, 2S) - 2-amino-3-(pentafluorophenyl)-1-({[3-
 (trifluoromethyl)benzyl]amino}methyl)propyl
                                                                                                                                                       3 -
 [(dipropylamino)carbonyl]-5-methylbenzoate
              (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
                                                                                                   4-(4-hydroxyphenyl)-4-
ethylbenzyl)amino]methyl}propyl
oxobutanoate
              (1R, 2S) -2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-
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[3-(trifluoromethyl)phenyl]propyl
                                                                                                                                                                                                                                         3 ∸l
  [(dipropylamino)sulfonyl]propanoate
                      (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
 ethylbenzyl)amino]methyl}propyl
                                                                                                                                                                                      3-(piperidin-3-
 ylsulfonyl)benzoate dihydrochloride
                      (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
 ethylbenzyl)amino]methyl}propyl 6-chloro-4-hydroxyguinoline-
 2-carboxylate
                      (1R, 2S) -2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-
  (2-thienyl)propyl 5-(dipropylamino)-5-oxopentanoate
                      (1R, 2S) -2-amino-1-\{[(3-methoxybenzyl)amino]methyl\}-4-
methylpentyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate
                      (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - \{ [(3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5
 ethylbenzyl)amino]methyl}propyl (6-oxo-3-phenylpyridazin-
 1(6H)-yl) acetate
                     (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluo
 ethylbenzyl)amino]methyl}propyl
                                                                                                                                                                                                                           3-{4-
 [(methylsulfonyl)amino]phenyl}propanoate
                     (1R, 2S) -2-amino-3-(4-fluoro-3-methylphenyl)-1-\{[(3-
methoxybenzyl)amino]methyl}propyl
                                                                                                                                                                3-(aminocarbonyl)-5-
 [(dipropylamino)carbonyl]benzoate
                     (1R, 2S) -2-amino-1-[(benzylamino)methyl]-3-(4-
methylphenyl)propyl
                                                                                                                        3-[(dipropylamino)carbonyl]-5-
methylbenzoate
                     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{(3-
iodobenzyl)amino]methyl}propyl 3-(2-chlorophenoxy)propanoate
                     (1R, 2S) -2-amino-3-(4-fluorophenyl)-1-\{[(3-fluorophenyl)]
methylbutyl)amino]methyl}propyl
                                                                                                                                                                3-(aminocarbonyl)-5-
[(dipropylamino)carbonyl]benzoate
                    (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl
                                                                                                                                                   N-(4-chlorobenzoyl)-D-
alaninate
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(1R, 2S) -2-amino-3-[3-(benzyloxy)-5-fluorophenyl]-1-
                                                                                                                                                                                                                                             3 -
{ [(3-methoxybenzyl)amino]methyl}propyl
 [(dipropylamino)sulfonyl]propanoate hydrochloride
                     (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
                                                                                                                                                        4-(4-methylphenyl)-4-
ethylbenzyl)amino]methyl}propyl
oxobutanoate
                     (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - \{ [(3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - amino - 3 - (3 - amino - 3 - amino - 3 - (3 - amino - 3 - amino - 3 - amino - 3 - (3 - amino - 3 - amino - 3 - amino - 3 - amino - 3 - (3 - amino - 3 - amino -
                                                                                                                                                                                                   4-0x0-4-{[3-
ethylbenzyl)amino]methyl}propyl
 (trifluoromethyl) phenyl] amino} butanoate
                     (1R, 2S) -2-amino-3-(1, 3-benzodioxol-5-yl)-1-\{[(3-
methoxybenzyl)amino]methyl}propyl
                                                                                                                                                                                                                                            3 -
 [(dipropylamino)carbonyl]-5-methylbenzoate
                     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl (5-pyridin-2-yl-2H-tetrazol-
2-yl)acetate
                     (1R, 2S) -2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-
 (3-methylphenyl)propyl 3-[(dipropylamino)sulfonyl]propanoate
                     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl isoxazole-5-carboxylate
                     (1R, 2S) - 2 - \text{amino} - 3 - (3, 5 - \text{difluorophenyl}) - 1 - \{ [ (3 - 3) - 2 - \text{amino} - 3 - (3, 5 - \text{difluorophenyl}) \} \}
                                                                                                                                                                                                                                (3,5-
ethylbenzyl)amino]methyl}propyl
dimethoxyphenoxy) acetate
                     (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - \{ [(3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - amino - 3 - (3 - amino - 3 - amino - 3 - (3 - amino - 3 - amino - 3 - (3 - amino - 3 - amino - 3 - (3 - amino - 3 - amino - 3 - (3 - amino - 3 - amino - 3 - (3 - amino - 3 - amino - 3 - amino
ethylbenzyl)amino]methyl}propyl 4-(2,5-dimethyl-1H-pyrrol-1-
yl)-3-hydroxybenzoate
                     (1R, 2S) -2-amino-3-(3-bromophenyl)-1-\{[(3-
methoxybenzyl)amino]methyl}propyl
                                                                                                                                                                 5-(dipropylamino)-5-
oxopentanoate
                     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl
                                                                                                                                         4-{[5-(cyclopentylmethyl)-
1,3,4-thiadiazol-2-yl]amino}-4-oxobutanoate
                      (1R, 2S) -2-amino-1-[(benzylamino)methyl]-3-[3-
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(trifluoromethyl)phenyl]propyl
                                           3-(aminocarbonyl)-5-
 [(dipropylamino)carbonyl]benzoate
      (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
 ethylbenzyl)amino]methyl}propyl
                                   (3-oxo-1,2-benzisothiazol-
2(3H)-y1) acetate
      (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-(\{[1-methy]-5-
 (pyrrolidin-1-ylcarbonyl)-1H-pyrrol-3-yl]amino}methyl)propyl
3-[(dipropylamino)carbonyl]-5-methylbenzoate
      (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
ethylbenzyl)amino]methyl}propyl 4-(3,4-difluorophenyl)-4-
oxobutanoate
     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl
                                             4-(2-naphthyl)-4-
oxobutanoate
     (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
ethylbenzyl)amino]methyl}propyl
                                   4,6-diethoxypyridine-2-
carboxylate
     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl 4-(5-methyl-1H-pyrrol-2-yl)-
4-oxobutanoate
     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl
                                                       3-({[2-
(methylamino)ethyl]amino}sulfonyl)benzoate hydrochloride
     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
methoxybenzyl)amino]methyl}propyl
                                                3-methyl-5-(4-
methylbenzoyl)benzoate
     (1R, 2S) -2-amino-3-(1, 3-benzodioxol-5-yl)-1-
[(benzylamino)methyl]propyl
                              3-[(dipropylamino)carbonyl]-5-
methylbenzoate
     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl
                                               3-(piperazin-1-
ylsulfonyl)benzoate hydrochloride
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(1R,2S)-2-amino-1-[({2-[4-
 (aminosulfonyl) phenyl] ethyl amino) methyl] -3 - (3,5-
difluorophenyl)propyl
                                                                                                                        3-[(dipropylamino)carbonyl]-5-
methylbenzoate
                     \overline{(1R,2S)} -2-amino-3-(3,5-difluorophenyl)-1-(\{[2-hydroxy-
1-(hydroxymethyl)ethyl]amino}methyl)propyl
                                                                                                                                                                                                                                          3 -
 [(dipropylamino)carbonyl]-5-methylbenzoate
                     (1R, 2S) -2-amino-3-(4-fluoro-3-methylphenyl)-1-\{[(3-
methylbutyl)amino]methyl}propyl
                                                                                                                                                                3-(aminocarbonyl)-5-
[(dipropylamino)carbonyl]benzoate
                     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl) amino] methyl propyl 3-(3-oxo-2,1-benzisothiazol-
1(3H)-yl)propanoate
                     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl) -1-\{[(3-
ethylbenzyl)amino]methyl}propyl (2,6-dihydroxypyrimidin-4-
yl)acetate
                     (1R, 2S) -2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-
 [3-(trifluoromethyl)phenyl]propyl
                                                                                                                                                               5-(dipropylamino)-5-
oxopentanoate
                     (1R, 2S) -2-amino-1-[(benzylamino)methyl]-3-(4-
hydroxyphenyl)propyl 3-[(dipropylamino)sulfonyl]propanoate
                     (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - \{ [(3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5
ethylbenzyl)amino]methyl}propyl 4-(3,4-difluorophenyl)-2-
methyl-4-oxobutanoate
                     (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
                                                                                                                                                       5-oxo-5-[(2-pyridin-2-
ethylbenzyl)amino]methyl}propyl
ylethyl)amino]pentanoate
                     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl [2-(4-fluorophenyl)-1,3-
benzoxazol-5-yl]acetate
                     (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - \{ [(3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3
ethylbenzyl)amino]methyl}propyl N-(anilinocarbonyl)glycinate
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(1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
   ethylbenzyl)amino]methyl}propyl
                                                                                                                                           N-(2,6-
   dimethoxybenzoyl)glycinate
                (1R, 2S) - 2-amino-3-(3,5-difluorophenyl) -1-{[(3-
   ethylbenzyl)amino]methyl}propyl
                                                                                                  2-(1,3-dithian-2-yl)-3-
   furoate
                (1R, 2S) - 2-amino-3 - (3, 5-difluorophenyl) - 1 - {[(3-amino-3 - (3, 5-difluorophenyl) - (3, 5-difluorophenyl)]}
  ethylbenzyl)amino]methyl}propyl
                                                                                                                                2-[2-oxo-2-
   (propylamino) ethyl] benzoate
               (1R, 2S) -2-amino-1-[(benzylamino)methyl]-3-(3-
 bromophenyl)propyl 3-[(dipropylamino)sulfonyl]propanoate
               (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
 iodobenzyl)amino]methyl}propyl 3-(2-fluorophenyl)propanoate
               (1R, 2S) -2-amino-3-(3, 5-difluorophenyl) -1-\{[(3-
 ethylbenzyl)amino]methyl}propyl
                                                                                                        5-methylthiophene-2-
 carboxylate
               (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - { [(3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - diflu
 iodobenzyl) amino] methyl propyl [4-(benzyloxy) phenyl] acetate
              (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
 ethylbenzyl)amino]methyl}propyl
                                                                                                                                          -[(5,7-
 dimethyl[1,2,4]triazolo[4,3-a]pyrimidin-3-yl)thio]acetate
              (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl 4-[(1-acetyl-2,3-dihydro-1H-
indol-7-yl) amino] -4-oxobutanoate
             (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
ethylbenzyl)amino]methyl}propyl 5-[(3-acetylphenyl)amino]-5-
oxopentanoate
             (1R, 2S) - 2-amino-3 - (3, 5-difluorophenyl) - 1 - {[(3-
ethylbenzyl)amino]methyl}propyl
                                                                                                  3-(4-chlorophenoxy)-2-
hydroxypropanoate
            N<sup>3</sup>-[(1S, 2R) -3-(benzylamino) -1-(3-fluoro-4-
methoxybenzyl)-2-hydroxypropyl]-N^1, N^1-dipropylbenzene-1,3,5-
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tricarboxamide
                     (1R, 2S) -2-amino-1-[(benzylamino)methyl]-3-(3-
                                                                                                                                                                     3-(aminocarbonyl)-5-
methylphenyl)propyl
 [(dipropylamino)carbonyl]benzoate
                     (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - { [(3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - diflu
ethylbenzyl)amino]methyl}propyl 1H-indole-7-carboxylate
                     (1R, 2S) -2-amino-1-{[(3-methylbutyl)amino]methyl}-3-(3-
methylphenyl)propyl
                                                                                                                                                                    3-(aminocarbonyl)-5-
 [(dipropylamino)carbonyl]benzoate
                     ethylbenzyl)amino]methyl}propyl
                                                                                                                                                           4-(1,2,3-thiadiazol-4-
yl)benzoate
                     (1R, 2S) -2-amino-3-[3-(benzyloxy)-5-fluorophenyl]-1-
                                                                                                                                                                                                                                              3 -
{[(3-methoxybenzyl)amino]methyl}propyl
 [(dipropylamino)sulfonyl]propanoate
                     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl
                                                                                                                                                                   3-(4,4-dimethyl-2,5-
dioxoimidazolidin-1-yl)-2-{[(1-
propylbutyl) sulfonyl] methyl }propanoate
                     (1R, 2S) -2-amino-1-{ [(3-methylbutyl)amino]methyl}-3-(4-
methylphenyl)propyl
                                                                                                                           3-[(dipropylamino)carbonyl]-5-
methylbenzoate
                     (1R, 2S) -2-amino-1-[(benzylamino)methyl]-3-[3-fluoro-5-
 (trifluoromethyl)phenyl]propyl 3-[(dipropylamino)carbonyl]-
5-methylbenzoate
                     (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - \{ [(3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - diflu
ethylbenzyl)amino]methyl}propyl [1-methyl-3-(methylthio)-1H-
indol-2-yl]acetate
                      (1R, 2S) -2-amino-3-(3, 5-dichlorophenyl)-1-\{[(3-
methylbutyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-
5-methylbenzoate
                      (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-{ [(3-
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ethylbenzyl)amino]methyl}propyl
                                                                                                                                                                                                                       [(2-{[4-(1,3-oxazol-5-
         yl)phenyl]amino}-2-oxoethyl)thio]acetate
                                    (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
         ethylbenzyl)amino]methyl}propyl 4-(2-furyl)-4-oxobutanoate
                                    (1R, 2s) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
        ethylbenzyl)amino]methyl}propyl
                                                                                                                                                                                                          3-(3-pyridin-2-yl-1,2,4-
        oxadiazol-5-yl)propanoate
                                   (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
       ethylbenzyl)amino]methyl}propyl
                                                                                                                                                                                                                          [2-(acetylamino)-1,3-
       thiazol-4-yl]acetate
                                 (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
      ethylbenzyl)amino]methyl}propyl [(4-methyl-4H-1,2,4-triazol-
      3-yl)thio](phenyl)acetate
                                 (1R, 2S) - 2 - amino - 3 - (4 - chlorophenyl) - 1 - \{ [(3 - chlorophenyl) - 1 - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chlorophenyl) - (3 - chloro
    methylbutyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]
     5-methylbenzoate
                                (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
    ethylbenzyl)amino]methyl}propyl
                                                                                                                                                                                                                4-(1,3-benzothiazol-2-
    yl)butanoate
                               (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluo
  ethylbenzyl)amino]methyl}propyl
                                                                                                                                                                                                                                                    4-[(3-chloro-4-
  fluorophenyl)amino]-4-oxobutanoate
                             (1R, 2S) -2-amino-3-[3-(benzyloxy)-5-fluorophenyl]-1-
  {[(3-methylbutyl)amino]methyl}propyl
                                                                                                                                                                                                                                                                                                                         3 -
   [(dipropylamino)carbonyl]-5-methylbenzoate
                             (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluo
 ethylbenzyl)amino]methyl}propyl
                                                                                                                                                                                                                                                                   [(2-oxo-2,3-
 dihydroquinazolin-4-yl)thio]acetate
                           N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-3-(benzyloxy)-N-(3-ethylbenzyl)benzamide
                          N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-[(1S)-2-hydroxy-1-methylethyl]-5-methyl-
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N', N'-dipropylisophthalamide
     N-[(2R,3S)-3-amino-2-hydroxy-4-
(pentafluorophenyl)butyl]-5-methyl-N', N'-dipropyl-N-[3-
(trifluoromethyl) benzyl] isophthalamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-ethylbenzyl) -4-(4-hydroxyphenyl) -4-
oxobutanamide
     N-\{(2R,3S)-3-amino-2-hydroxy-4-[3-4]
(trifluoromethyl)phenyl]butyl}-3-[(dipropylamino)sulfonyl]-
N-(3-methoxybenzyl)propanamide
     N-[(2R, 3S) - 3 - amino - 4 - (3, 5 - difluorophenyl) - 2 -
hydroxybutyl]-N-(3-ethylbenzyl)-3-(piperidin-3-
ylsulfonyl)benzamide dihydrochloride
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-6-chloro-N-(3-ethylbenzyl)-4-hydroxyquinoline-
2-carboxamide
     N-[(2R,3S)-3-amino-2-hydroxy-4-(2-thienyl)butyl]-N-(3-
methoxybenzyl) - N', N' -dipropylpentanediamide
     N-[(2R,3S)-3-amino-2-hydroxy-5-methylhexyl]-N-(3-
methoxybenzyl)-5-methyl-N', N'-dipropylisophthalamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-N-(3-ethylbenzyl)-2-(6-oxo-3-phenylpyridazin-
1(6H)-yl)acetamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N- (3-ethylbenzyl) -3-\{4-
[(methylsulfonyl)amino]phenyl}propanamide
     N^1-[(2R,3S)-3-amino-4-(4-fluoro-3-methylphenyl)-2-
hydroxybutyl] -N^1 - (3-methoxybenzyl) -N^3, N^3-dipropylbenzene-
1,3,5-tricarboxamide
     N-[(2R,3S)-3-amino-2-hydroxy-4-(4-methylphenyl)]
N-benzyl-5-methyl-N', N'-dipropylisophthalamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
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hydroxybutyl]-3-(2-chlorophenoxy)-N-(3-
     iodobenzyl) propanamide
                    N^{1}-[(2R,3S)-3-amino-4-(4-fluorophenyl)-2-hydroxybutyl]-
    N^{1}-(3-methylbutyl)-N^{3}, N^{3}-dipropylbenzene-1,3,5-tricarboxamide
                   N-\{(2R,3S)-3-amino-4-[3-(benzyloxy)-5-fluorophenyl]-2-
   methoxybenzyl)propanamide hydrochloride
                   N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
   hydroxybutyl]-N-(3-ethylbenzyl)-4-(4-methylphenyl)-4-
   oxobutanamide
                    (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - {[(3 - amino - 3 - (3, 5 - difluorophenyl)]}
   ethylbenzyl)amino]methyl}propyl
                                                                                                                                                               4-oxo-4-{[3-
   (trifluoromethyl)phenyl]amino}butanoate
                  N-[(2R,3S)-3-amino-4-(1,3-benzodioxol-5-yl)-2-
  \label{eq:hydroxybutyl} \texttt{hydroxybutyl}] \texttt{-} \textit{N-} (\texttt{3-methoxybenzyl}) \texttt{-} \texttt{5-methyl-} \textit{N'}, \textit{N'-}
  dipropylisophthalamide
                 N-[(2R,3S)-3-amino-2-hydroxy-4-(3-methylphenyl)butyl]-
  3-[(dipropylamino)sulfonyl]-N-(3-methoxybenzyl)propanamide
                 N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
 \verb|hydroxybutyl| - N- (3-ethylbenzyl) is oxazole-5-carboxamide|
                 N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
 hydroxybutyl]-2-(3,5-dimethoxyphenoxy)-N-(3-
 ethylbenzyl)acetamide
                N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
\label{eq:hydroxybutyl]-4-(2,5-dimethyl-1} \textbf{H-pyrrol-1-yl}) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (3-1) - \textbf{N-} (
 ethylbenzyl)-3-hydroxybenzamide
                N-[(2R,3S)-3-amino-4-(3-bromophenyl)-2-hydroxybutyl]-N-
 (3-methoxybenzyl) - N', N'-dipropylpentanediamide
               N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
\label{local-2-local-2-2} \verb|hydroxybutyl|-N'-[5-(cyclopentylmethyl)-1,3,4-thiadiazol-2-|
yl]-N-(3-ethylbenzyl)succinamide
               N^{1} - \{ (2R, 3S) - 3 - \text{amino} - 2 - \text{hydroxy} - 4 - [3 - 3] \}
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(trifluoromethyl) phenyl] butyl \} - N^1-benzyl - N^3, N^3-
dipropylbenzene-1,3,5-tricarboxamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-N-(3-ethylbenzyl)-2-(3-oxo-1,2-benzisothiazol-
2(3H)-y1) acetamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -5-methyl-N-[1-methyl-5-(pyrrolidin-1-
ylcarbonyl)-1H-pyrrol-3-yl]-N', N'-dipropylisophthalamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -4 - (3,4 - difluorophenyl) -N - (3 - ethylbenzyl) -4 -
oxobutanamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-N-(3-ethylbenzyl)-4-(2-naphthyl)-4-
oxobutanamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-4,6-diethoxy-N-(3-ethylbenzyl)pyridine-2-
carboxamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-ethylbenzyl)-4-(5-methyl-1H-pyrrol-2-yl)-
4-oxobutanamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-ethylbenzyl) -3-({[2-
(methylamino)ethyl]amino}sulfonyl)benzamide hydrochloride
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-methoxybenzyl) -3-methyl-5-(4-
methylbenzoyl)benzamide
     N-[(2R,3S)-3-amino-4-(1,3-benzodioxol-5-yl)-2-
hydroxybutyl] - N-benzyl-5-methyl-N', N'-dipropylisophthalamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-ethylbenzyl) -3-(piperazin-1-
ylsulfonyl)benzamide hydrochloride
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
```

```
hydroxybutyl] -N-{2-[4-(aminosulfonyl)phenyl]ethyl}-5-methyl-
        N', N'-dipropylisophthalamide
                                      N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
      hydroxybutyl] -N-[2-hydroxy-1-(hydroxymethyl)ethyl]-5-methyl-
       N', N'-dipropylisophthalamide
                                     N^{1}-[(2R,3S)-3-amino-4-(4-fluoro-3-methylphenyl)-2-
     hydroxybutyl] -N^1 - (3-methylbutyl) -N^3, N^3 -dipropylbenzene-1,3,5-
      tricarboxamide
                                    N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
     \label{local-equation} \verb|hydroxybutyl|-N-(3-ethylbenzyl)-3-(3-oxo-2,1-benzisothiazol-1)-3-(3-oxo-2,1-benzisothiazol-1)-3-(3-oxo-2,1-benzisothiazol-1)-3-(3-oxo-2,1-benzisothiazol-1)-3-(3-oxo-2,1-benzisothiazol-1)-3-(3-oxo-2,1-benzisothiazol-1)-3-(3-oxo-2,1-benzisothiazol-1)-3-(3-oxo-2,1-benzisothiazol-1)-3-(3-oxo-2,1-benzisothiazol-1)-3-(3-oxo-2,1-benzisothiazol-1)-3-(3-oxo-2,1-benzisothiazol-1)-3-(3-oxo-2,1-benzisothiazol-1)-3-(3-oxo-2,1-benzisothiazol-1)-3-(3-oxo-2,1-benzisothiazol-1)-3-(3-oxo-2,1-benzisothiazol-1)-3-(3-oxo-2,1-benzisothiazol-1)-3-(3-oxo-2,1-benzisothiazol-1)-3-(3-oxo-2,1-benzisothiazol-1)-3-(3-oxo-2,1-benzisothiazol-1)-3-(3-oxo-2,1-benzisothiazol-1)-3-(3-oxo-2,1-benzisothiazol-1)-3-(3-oxo-2,1-benzisothiazol-1)-3-(3-oxo-2,1-benzisothiazol-1)-3-(3-oxo-2,1-benzisothiazol-1)-3-(3-oxo-2,1-benzisothiazol-1)-3-(3-oxo-2,1-benzisothiazol-1)-3-(3-oxo-2,1-benzisothiazol-1)-3-(3-oxo-2,1-benzisothiazol-1)-3-(3-oxo-2,1-benzisothiazol-1)-3-(3-oxo-2,1-benzisothiazol-1)-3-(3-oxo-2,1-benzisothiazol-1)-3-(3-oxo-2,1-benzisothiazol-1)-3-(3-oxo-2,1-benzisothiazol-1)-3-(3-oxo-2,1-benzisothiazol-1)-3-(3-oxo-2,1-benzisothiazol-1)-3-(3-oxo-2,1-benzisothiazol-1)-3-(3-oxo-2,1-benzisothiazol-1)-3-(3-oxo-2,1-benzisothiazol-1)-3-(3-oxo-2,1-benzisothiazol-1)-3-(3-oxo-2,1-benzisothiazol-1)-3-(3-oxo-2,1-benzisothiazol-1)-3-(3-oxo-2,1-benzisothiazol-1)-3-(3-oxo-2,1-benzisothiazol-1)-3-(3-oxo-2,1-benzisothiazol-1)-3-(3-oxo-2,1-benzisothiazol-1)-3-(3-oxo-2,1-benzisothiazol-1)-3-(3-oxo-2,1-benzisothiazol-1)-3-(3-oxo-2,1-benzisothiazol-1)-3-(3-oxo-2,1-benzisothiazol-1)-3-(3-oxo-2,1-benzisothiazol-1)-3-(3-oxo-2,1-benzisothiazol-1)-3-(3-oxo-2,1-benzisothiazol-1)-3-(3-oxo-2,1-benzisothiazol-1)-3-(3-oxo-2,1-benzisothiazol-1)-3-(3-oxo-2,1-benzisothiazol-1)-3-(3-oxo-2,1-benzisothiazol-1)-3-(3-oxo-2,1-benzisothiazol-1)-3-(3-oxo-2,1-benzisothiazol-1)-3-(3-oxo-2,1-benzisothiazol-1)-3-(3-oxo-2,1-benzisothiazol-1)-3-(3-oxo-2,1-benzisothiazol-1)-3-(3-oxo-2,1-benzisothiazol-1)-3-(3-oxo-2,1-benzisothiazol-1)-3-(3-oxo-2,1-benzisothiazol-1)-3-(
     1(3H)-yl)propanamide
                                   N-[(2R, 3S)-3-amino-4-(3,5-difluorophenyl)-2-
    \label{lem:hydroxypyrimidin-4-yl} \verb| hydroxypyrimidin-4-yl| -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(
    ethylbenzyl)acetamide
                                   N - \{ (2R, 3S) - 3 - \text{amino} - 2 - \text{hydroxy} - 4 - [3 - 3] \}
     (\texttt{trifluoromethyl}) \, \texttt{phenyl}] \, \texttt{butyl} \} \, \textbf{-N-} \, (\texttt{3-methoxybenzyl}) \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , N' \, \textbf{-N'} \, , 
    dipropylpentanediamide
                                 N-[(2R,3S)-3-amino-2-hydroxy-4-(4-hydroxyphenyl)butyl]-
   N-benzyl-3-[(dipropylamino)sulfonyl]propanamide
                                 N-[(2R, 3S)-3-amino-4-(3,5-difluorophenyl)-2-
  hydroxybuty1] -4 - (3, 4 - difluoropheny1) - N - (3 - ethylbenzy1) -2 -
  methyl-4-oxobutanamide
                                 N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
  hydroxybutyl]-N-(3-ethylbenzyl)-N'-(2-pyridin-2-
 ylethyl)pentanediamide
                               N-[(2R, 3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-ethylbenzyl) -2-[2-(4-fluorophenyl)-1,3-
benzoxazol-5-yl]acetamide
                              N^{1}-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N^2 - (anilinocarbonyl) -N^1 - (3-
ethylbenzyl)glycinamide
                              N-[(2R, 3S)-3-amino-4-(3,5-difluorophenyl)-2-
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```
hydroxybutyl]-2-(1,3-dithian-2-yl)-N-(3-ethylbenzyl)-3-
furamide
     N-[(2R, 3S) -3-amino-4-(3, 5-difluorophenyl) -2-
hydroxybutyl]-N-(3-ethylbenzyl)-2-[2-oxo-2-
(propylamino) ethyl] benzamide
     N-[(2R,3S)-3-amino-4-(3-bromophenyl)-2-hydroxybutyl]-N-
benzyl-3-[(dipropylamino) sulfonyl] propanamide
     N-[(2R, 3S) -3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-3-(2-fluorophenyl)-N-(3-iodobenzyl)propanamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-N-(3-ethylbenzyl)-5-methylthiophene-2-
carboxamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -2-[4-(benzyloxy)phenyl] -N-(3-
iodobenzyl) acetamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-2-[(5,7-dimethyl[1,2,4]triazolo[4,3-
alpyrimidin-3-yl)thio]-N-(3-ethylbenzyl)acetamide
     N' - (1-acetyl-2, 3-dihydro-1H-indol-7-yl) - N-[(2R, 3S) - 3-
amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-
ethylbenzyl) succinamide
     N' - (3-acetylphenyl) - N - [(2R, 3S) - 3-amino - 4 - (3, 5 - 3)]
difluorophenyl) - 2 - hydroxybutyl] - N- (3 -
ethylbenzyl)pentanediamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -3-(4-chlorophenoxy)-N-(3-ethylbenzyl)-2-
hydroxypropanamide
     N^3 - ((1S, 2R) - 3 - (benzylamino) - 1 - (3 - fluoro - 4 - 1)
methoxybenzyl) - 2 - hydroxypropyl] - N^1, N^1 - dipropylbenzene - 1, 3, 5 -
tricarboxamide
     N^{1}-[(2R,3S)-3-amino-2-hydroxy-4-(3-methylphenyl)butyl]-
N^1-benzyl-N^3, N^3-dipropylbenzene-1, 3, 5-tricarboxamide
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N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-N-(3-ethylbenzyl)-1H-indole-7-carboxamide
     N^1 - [(2R,3S) - 3-amino-2-hydroxy-4-(3-methylphenyl) butyl] -
N^{1}-(3-methylbutyl)-N^{3}, N^{3}-dipropylbenzene-1,3,5-tricarboxamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-N-(3-ethylbenzyl)-4-(1,2,3-thiadiazol-4-
yl) benzamide
     N-\{(2R,3S)-3-amino-4-[3-(benzyloxy)-5-fluorophenyl]-2-
hydroxybutyl}-3-[(dipropylamino)sulfonyl]-N-(3-
methoxybenzyl)propanamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybuty1] -3 - (4, 4-dimethyl-2, 5-dioxoimidazolidin-1-yl) -N-
(3-ethylbenzyl)-2-{[(1-
propylbutyl) sulfonyl] methyl } propanamide
     N-[(2R,3S)-3-amino-2-hydroxy-4-(4-methylphenyl)butyl]-
5-\text{methyl}-N-(3-\text{methylbutyl})-N',N'-\text{dipropylisophthalamide}
     N-\{(2R,3S)-3-amino-4-[3-fluoro-5-
(trifluoromethyl) phenyl] -2-hydroxybutyl}-N-benzyl-5-methyl-
N', N'-dipropylisophthalamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-N-(3-ethylbenzyl)-2-[1-methyl-3-(methylthio)-
1H-indol-2-yl]acetamide
     N-[(2R, 3S) - 3 - amino - 4 - (3, 5 - dichlorophenyl) - 2 -
hydroxybutyl] -5-methyl-N-(3-methylbutyl) -N', N'-
dipropylisophthalamide
     2-({2-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-}
hydroxybutyl](3-ethylbenzyl)amino]-2-oxoethyl}thio)-N-[4-
(1,3-oxazol-5-yl)phenyl]acetamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-N-(3-ethylbenzyl)-4-(2-furyl)-4-oxobutanamide
     N-[(2R, 3S) - 3 - amino - 4 - (3, 5 - difluorophenyl) - 2 -
hydroxybutyl]-N-(3-ethylbenzyl)-3-(3-pyridin-2-yl-1,2,4-
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oxadiazol-5-yl)propanamide
            2-[2-(acetylamino)-1,3-thiazol-4-yl]-N-[(2R,3S)-3-
amino-4-(3,5-difluorophenyl)-2-hydroxybutyl]-N-(3-
ethylbenzyl)acetamide
            N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-ethylbenzyl) -2-[(4-methyl-4H-1,2,4-
triazol-3-yl)thio]-2-phenylacetamide
            N-[(2R,3S)-3-amino-4-(4-chlorophenyl)-2-hydroxybutyl]-
5-methyl-N-(3-methylbutyl)-N',N'-dipropylisophthalamide
            N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-4-(1,3-benzothiazol-2-yl)-N-(3-
ethylbenzyl)butanamide
             N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N' - (3-chloro-4-fluorophenyl) -N- (3-
ethylbenzyl)succinamide
             N-{ (2R, 3S) -3-amino-4-[3-(benzyloxy) -5-fluorophenyl] -2-
hydroxybutyl\}-5-methyl-N-(3-methylbutyl)-N', N'-
dipropylisophthalamide
             N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-ethylbenzyl) -2-[(2-oxo-2,3-
 dihydroquinazolin-4-yl)thio]acetamide
              (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
                                                                                                                        3-methyl-5-(2-
 methoxybenzyl)amino]methyl}propyl
 methylbenzoyl)benzoate
               (1R, 2S) - 2 - amino - 3 - (4 - hydroxyphenyl) - 1 - { [(3 - amino - 3 - (4 - hydroxyphenyl) - 1 - { [(3 - amino - 3 - (4 - hydroxyphenyl) - 1 - { [(3 - amino - 3 - (4 - hydroxyphenyl) - 1 - { [(3 - amino - 3 - (4 - hydroxyphenyl) - 1 - { [(3 - amino - 3 - (4 - hydroxyphenyl) - 1 - { [(3 - amino - 3 - (4 - hydroxyphenyl) - 1 - { [(3 - amino - 3 - (4 - hydroxyphenyl) - 1 - { [(3 - amino - 3 - (4 - hydroxyphenyl) - 1 - { [(3 - amino - 3 - (4 - hydroxyphenyl) - 1 - { [(3 - amino - 3 - (4 - hydroxyphenyl) - 1 - { [(3 - amino - 3 - (4 - hydroxyphenyl) - 1 - { [(3 - amino - 3 - (4 - hydroxyphenyl) - 1 - { [(3 - amino - 3 - (4 - hydroxyphenyl) - 1 - { [(3 - amino - 3 - (4 - hydroxyphenyl) - 1 - { [(3 - amino - 3 - (4 - hydroxyphenyl) - 1 - { [(3 - amino - 3 - (4 - hydroxyphenyl) - 1 - { [(3 - amino - 3 - (4 - hydroxyphenyl) - 1 - { [(3 - amino - 3 - (4 - hydroxyphenyl) - 1 - { [(3 - amino - 3 - (4 - hydroxyphenyl) - 1 - { [(3 - amino - 3 - (4 - hydroxyphenyl) - 1 - { [(3 - amino - 3 - (4 - hydroxyphenyl) - 1 - { [(3 - amino - 3 - (4 - hydroxyphenyl) - 1 - { [(3 - amino - 3 - (4 - hydroxyphenyl) - 1 - { [(3 - amino - 3 - (4 - hydroxyphenyl) - 1 - { [(3 - amino - 3 - (4 - hydroxyphenyl) - 1 - { [(3 - amino - 3 - (4 - hydroxyphenyl) - 1 - { [(3 - amino - 3 - (4 - hydroxyphenyl) - 1 - { [(3 - amino - 3 - (4 - hydroxyphenyl) - 1 - { [(3 - amino - 3 - (4 - hydroxyphenyl) - 1 - { [(3 - amino - 3 - (4 - hydroxyphenyl) - 1 - { [(3 - amino - 3 - (4 - hydroxyphenyl) - 1 - { [(3 - amino - 3 - (4 - hydroxyphenyl) - 1 - { [(3 - amino - 3 - (4 - hydroxyphenyl) - 1 - { [(3 - amino - 3 - (4 - hydroxyphenyl) - 1 - { [(3 - amino - 3 - (4 - hydroxyphenyl) - 1 - { [(3 - amino - 3 - (4 - hydroxyphenyl) - 1 - { [(3 - amino - 3 - (4 - hydroxyphenyl) - 1 - { [(3 - amino - 3 - (4 - hydroxyphenyl) - 1 - { [(3 - amino - 3 - (4 - hydroxyphenyl) - 1 - { [(3 - amino - 3 - (4 - hydroxyphenyl) - 1 - { [(3 - amino - 3 - (4 - hydroxyphenyl) - 1 - { [(3 - amino - 3 - (4 - hydroxyphenyl) - 1 - { [(3 - amino - 3 - (4 - hydroxyphenyl) - 1 - { [(3 - amino
                                                                                                       5-(dipropylamino)-5-
 methoxybenzyl)amino]methyl}propyl
 oxopentanoate
               (1R, 2S) - 2-amino-1-[(benzylamino) methyl] - 3-(4-
                                                                                                        3-(aminocarbonyl)-5-
 methylphenyl)propyl
  [(dipropylamino)carbonyl]benzoate
               (1R, 2S) -2-amino-3-(3,5-difluorophenyl) -1-{[(3-
 ethylbenzyl)amino]methyl}propyl 4-propoxybenzoate
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(1R, 2S) -2-amino-3-(3, 5-difluorophenyl) -1-\{[(3-
ethylbenzyl).amino]methyl}propyl
                                          1-methyl-1H-indole-2-
carboxylate
      (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl
                                      5-chloro-2-(3-methyl-4H-
1,2,4-triazol-4-yl)benzoate
      (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl 4-(3,4-difluorophenyl)-2-
methoxy-4-oxobutanoate
     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl [3-(2-thienyl)-1H-pyrazol-1-
yl]acetate
     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{(3-
ethylbenzyl)amino]methyl}propyl 5-anilino-5-oxopentanoate
     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl (2-thioxo-1,3-benzothiazol-
3(2H)-y1) acetate
     (1R, 2S) -2-amino-1-[(benzylamino)methyl]-3-
cyclohexylpropyl
                                3-[(dipropylamino)carbonyl]-5-
methylbenzoate
     (1R, 2S) -2-amino-1-{ [(3-methoxybenzyl) amino] methyl}-3-
(4-methoxyphenyl)propyl
                                          3-(aminocarbonyl)-5-
[(dipropylamino)carbonyl]benzoate
     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl) -1-\{ (3-
ethylbenzyl)amino]methyl}propyl
                                                  (3-hydroxy-4-
methylphenyl)acetate
     (1R, 2S) -2-amino-3-[3-fluoro-5-(trifluoromethyl)phenyl]-
1-{[(3-methylbutyl)amino]methyl}propyl
                                                              3 -
[(dipropylamino)carbonyl]-5-methylbenzoate
     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl) -1-\{[(3-
ethylbenzyl)amino]methyl}propyl
                                     7-fluoro-4H-imidazo[5,1-
c] [1,4]benzoxazine-3-carboxylate
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(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
                                          4-(3,4-dihydro-2H-1,5-
ethylbenzyl)amino]methyl}propyl
benzodioxepin-7-yl)-4-oxobutanoate
      (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
ethylbenzyl)amino]methyl}propyl 1-benzofuran-3-carboxylate
      (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
ethylbenzyl)amino]methyl}propyl
                                                          3 - [(3, 4 -
dichlorophenyl) amino] -3-oxopropanoate
      (1R, 2S) - 2-amino-1-[(benzylamino)methyl]-3-[3-fluoro-5-
                                             3-(aminocarbonyl)-5-
(trifluoromethyl)phenyl]propyl
[(dipropylamino)carbonyl]benzoate
      (1R, 2S) - 2-amino-3-(3,5-difluorophenyl) -1-({[(1R)-2-
hydroxy-1-methylethyl]amino}methyl)propyl
                                                                 3 -
[(dipropylamino)carbonyl]-5-methylbenzoate
      (1R, 2S) -2-amino-1-[(benzylamino)methyl]-3-(3-
                                  3-[(dipropylamino)carbonyl]-5-
methylphenyl)propyl
methylbenzoate
      (1R, 2S) - 2-amino-3-(3,5-difluorophenyl)-1-{[(3-
                                              5-oxo-5-(pyridin-3-
ethylbenzyl)amino]methyl}propyl
ylamino)pentanoate
      (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl 2-methyl-4-oxo-4H-chromene
 6-carboxylate
      (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - {[(3 - amino - 3 - (3, 5 - difluorophenyl)] - (3 - amino - 3 - (3, 5 - difluorophenyl)]}
                                        ({2-[(5-methylisoxazol-3-
ethylbenzyl)amino]methyl}propyl
 yl)amino]-2-oxoethyl}thio)acetate
       (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-({[3-(1H-
                                                                  3 -
 imidazol-1-yl)propyl]amino}methyl)propyl
 [(dipropylamino)carbonyl]-5-methylbenzoate
       (1R, 2S) -2-amino-3-[3-fluoro-5-(trifluoromethyl)phenyl]-
                                                                  3 -
 1-{[(3-methoxybenzyl)amino]methyl}propyl
 [(dipropylamino)sulfonyl]propanoate
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(1R, 2S) - 2 - amino - 3 - (4 - hydroxyphenyl) - 1 - \{ [ (3 - amino - 3 - (4 - hydroxyphenyl) - 1 - (3 - amino - 3 - (4 - hydroxyphenyl) - (3 - amino - 3 - (4 - hydroxyphenyl) - (3 - amino - 3 - (4 - hydroxyphenyl) - (3 - amino - 3 - (4 - hydroxyphenyl) - (3 - amino - 3 - (4 - hydroxyphenyl) - (3 - amino - 3 - (4 - hydroxyphenyl) - (3 - amino - 3 - (4 - hydroxyphenyl) - (4 - hydroxyphenyl) - (3 - amino - 3 - (4 - hydroxyphenyl) - (3 - amino - 3 - (4 - hydroxyphenyl) - (3 - amino - 3 - (4 - hydroxyphenyl) - (3 - amino - 3 - (4 - hydroxyphenyl) - (3 - amino - 3 - (4 - hydroxyphenyl) - (3 - amino - 3 - (4 - hydroxyphenyl) - (3 - amino - 3 - (4 - hydroxyphenyl) - (3 - amino - 3 - (4 - hydroxyphenyl) - (3 - amino - 3 - (4 - hydroxyphenyl) - (3 - amino - 3 - (4 - hydroxyphenyl) - (3 - amino - 3 - (4 - hydroxyphenyl) - (3 - amino - 3 - (4 - hydroxyphenyl) - (3 - amino - 3 - (4 - hydroxyphenyl) - (3 - amino - 3 - (4 - hydroxyphenyl) - (3 - amino - 3 - (4 - hydroxyphenyl) - (3 - amino - 3 - (4 - hydroxyphenyl) - (3 - amino - 3 - (4 - hydroxyphenyl) - (3 - amino - 3 - (4 - hydroxyphenyl) - (3 - amino - 3 - (4 - hydroxyphenyl) - (3 - amino - 3 - (4 - hydroxyphenyl) - (3 - amino - 3 - (4 - hydroxyphenyl) - (3 - amino - 3 - (4 - hydroxyphenyl) - (3 - amino - 3 - (4 - hydroxyphenyl) - (3 - amino - 3 - (4 - hydroxyphenyl) - (3 - amino - 3 - (4 - hydroxyphenyl) - (3 - amino - 3 - (4 - hydroxyphenyl) - (3 - amino - 3 - (4 - hydroxyphenyl) - (3 - amino - 3 - (4 - hydroxyphenyl) - (3 - amino - 3 - (4 - hydroxyphenyl) - (3 - amino - 3 - (4 - hydroxyphenyl) - (3 - amino - 3 - (4 - hydroxyphenyl) - (3 - amino - 3 - (4 - hydroxyphenyl) - (3 - amino - 3 - (4 - hydroxyphenyl) - (3 - amino - 3 - (4 - hydroxyphenyl) - (3 - amino - 3 - (4 - hydroxyphenyl) - (3 - amino - 3 - (4 - hydroxyphenyl) - (3 - amino - 3 - (4 - hydroxyphenyl) - (3 - amino - 3 - (4 - hydroxyphenyl) - (3 - amino - 3 - (4 - hydroxyphenyl) - (3 - amino - 3 - (4 - hydroxyphenyl) - (3 - amino - 3 - (4 - hydroxyphenyl) - (3 - amino - 3 - (4 - hydroxyphenyl) - (3 - amino 
methylbutyl)amino]methyl}propyl
                                                                                                                                                   3 -
[(dipropylamino)sulfonyl]propanoate
             (1R, 2S) -2-amino-3-(1, 3-benzodioxol-5-yl)-1-\{[(3-
methylbutyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-
5-methylbenzoate
             (1R, 2S) -2-amino-1-{ [(3-methylbutyl)amino]methyl}-3-(2-
thienyl)propyl 3-[(dipropylamino)sulfonyl]propanoate
             (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl
                                                                                                                                    4-[(2,2-
dimethylpropanoyl)amino]-2-hydroxybenzoate
             (1R, 2S) -2-amino-3-(3-methoxyphenyl)-1-\{[(3-
methylbutyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]-
5-methylbenzoate
             (1R, 2S) -2-amino-3-(4-fluorophenyl)-1-(\{[3-
 (trifluoromethyl)benzyl]amino\methyl)propyl
                                                                                                                                      3-{[(3-
methoxybenzyl)amino]sulfonyl}benzoate
             (1R, 2S) -2-amino-1-{[(3-methylbutyl)amino]methyl}-3-[3-
(trifluoromethyl) phenyl] propyl 3-[(dipropylamino) carbonyl]-
5-methylbenzoate
             (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl 6-(2-furoylamino)hexanoate
             (1R, 2S) -2-amino-3-(3, 5-difluorophenyl) -1-\{[(3-
ethylbenzyl)amino]methyl}propyl
                                                                                      [(1-phenyl-4,5-dihydro-1H-
tetrazol-5-yl)thio]acetate
             (1S, 2S) -2-amino-3-phenyl-1-({[3-
(trifluoromethyl) benzyl] amino } methyl) propyl
                                                                                                                                      3-{[(3-
methoxybenzyl) amino] sulfonyl}benzoate
             (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl 4-(3,4-dihydro-2H-chromen-6-
yl)-4-oxobutanoate
             (1R, 2S) -2-amino-3-(3-methoxyphenyl)-1-{[(3-
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3-(aminocarbonyl)-5-
methylbutyl)amino]methyl}propyl
 [(dipropylamino)carbonyl]benzoate
                    (1R, 2S) -2-amino-3-(3-fluoro-4-methylphenyl) -1-\{[(3-fluoro-4-methylphenyl)]
                                                                                                                                                                 5-(dipropylamino)-5-
methoxybenzyl)amino]methyl}propyl
oxopentanoate
                    (1R, 2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
ethylbenzyl)amino]methyl}propyl indolizine-2-carboxylate
                     (1R, 2S) -2-amino-1-[(benzylamino)methyl]-3-[3-
 (trifluoromethoxy)phenyl]propyl 3-[(dipropylamino)carbonyl]
5-methylbenzoate
                     (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
ethylbenzyl)amino]methyl}propyl nicotinate 1-oxide
                     (1R, 2S) -2-amino-3-[3-(benzyloxy)-5-fluorophenyl]-1-
 {[(3-methylbutyl)amino]methyl}propyl
                                                                                                                                                                                                                                            3 -
  [(dipropylamino)sulfonyl]propanoate
                      (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - { [(3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - diflu
 iodobenzyl)amino]methyl}propyl [(aminocarbonyl)oxy]acetate
                       (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
                                                                                                                                                                                       2,3-dihydro-1H-
  ethylbenzyl)amino]methyl}propyl
  cyclopenta[b]quinoline-9-carboxylate
                       (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluo
                                                                                                                                                        3-methyl-1H-pyrazole-5-
  ethylbenzyl)amino]methyl}propyl
  carboxylate
                       (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - {[(3 - amino - 3 - (3, 5 - difluorophenyl)]}
  ethylbenzyl)amino]methyl}propyl 5-(benzoylamino)pentanoate
                       (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
                                                                                                                                                                                                                                             4 -
   ethylbenzyl)amino]methyl}propyl
    [(methoxymethyl)thio]benzoate
                        (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
   ethylbenzyl)amino]methyl}propyl 3-(1,3-benzothiazol-2-yl)-3-
   methoxypropanoate
                         (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
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ethylbenzyl)amino]methyl}propyl
                                                                                                                                                  3 -
 { [(methylamino) carbonyl] amino}-3-(3-thienyl) propanoate
             (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - \{ [(3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5
ethylbenzyl)amino]methyl}propyl
                                                                                     5-pyridin-2-ylthiophene-2-
carboxylate
             (1R, 2S) -2-amino-1-[(benzylamino)methyl]-3-[3-
 (benzyloxy) -5-fluorophenyl]propyl
                                                                                                    3-(aminocarbonyl)-5-
 [(dipropylamino)carbonyl]benzoate
             (1R, 2S) -2-amino-3-(3, 5-difluorophenyl) -1-\{[(3-
ethylbenzyl)amino]methyl}propyl
                                                                                          (5,6-dimethyl-2,4-dioxo-
1,2,3,4-tetrahydropyridin-3-yl)acetate
             (1R, 2S) -2-amino-3-(3-fluoro-4-methoxyphenyl)-1-{[(3-
methylbutyl)amino]methyl}propyl 3-[(dipropylamino)carbonyl]
5-methylbenzoate
             (1R, 2S) -2-amino-3-(3, 5-difluorophenyl) -1-\{[(3-
ethylbenzyl)amino]methyl}propyl
                                                                                                                 2-isobutyl-1,3-
dioxoisoindoline-5-carboxylate
             (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl 5-(acetylamino)-2-furoate
             (1R, 2S) -2-amino-3-(3, 5-difluorophenyl) -1-\{[(3-
ethylbenzyl)amino]methyl}propyl
                                                                                                                                       N-[(4-
methoxyphenyl)acetyl]glycinate
             (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl isoquinoline-4-carboxylate
             (1R, 2S) -2-amino-3-[3-(benzyloxy)phenyl]-1-{[(3-
methylbutyl)amino]methyl}propyl
                                                                                                    3-(aminocarbonyl)-5-
[(dipropylamino)carbonyl]benzoate
             (1R, 2S) -2-amino-3-(3, 5-difluorophenyl) -1-\{[(3-
ethylbenzyl)amino]methyl}propyl
                                                                                                                      (4-hydroxy-3-
methoxyphenyl)acetate
             (1R, 2S) -2-amino-3-(3, 5-difluorophenyl) -1-\{[(3-
ethylbenzyl)amino]methyl}propyl [(4-phenyl-4H-1,2,4-triazol-
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3-yl)thio]acetate
     (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
ethylbenzyl)amino]methyl}propyl (3,5-dimethoxyphenyl)acetate
     (1R, 2S) -2-amino-1-[(benzylamino)methyl]-3-(3-
                               3-[(dipropylamino)carbonyl]-5-
methoxyphenyl)propyl
methylbenzoate
     (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
                                                  (2-ethyl-4H-
ethylbenzyl)amino]methyl}propyl
[1,2,4]triazolo[1,5-a]benzimidazol-4-yl)acetate
     (1R, 2S) -2-amino-1-[(benzylamino)methyl]-3-(2-
furyl)propyl 3-[(dipropylamino)carbonyl]-5-methylbenzoate
     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl 7-chloro-1-benzofuran-2-
carboxylate
     (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
ethylbenzyl)amino]methyl}propyl 2-(1,3-dioxo-1,3-dihydro-2H-
isoindol-2-yl)propanoate
      (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl 3-(2-oxo-2H-1,3-benzoxazin-
3(4H)-yl)propanoate
      (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
ethylbenzyl)amino]methyl}propyl (pyrimidin-2-ylthio)acetate
      (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
                                        4-{[3-(aminocarbonyl)-
ethylbenzyl)amino]methyl}propyl
4,5,6,7-tetrahydro-1-benzothien-2-yl]amino}-4-oxobutanoate
      (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl [(5-phenyl-1,3,4-oxadiazol-
 2-yl)thio]acetate
      (1R, 2S) -2-amino-3-(3, 5-difluorophenyl) -1-\{[(3-
 ethylbenzyl)amino]methyl}propyl quinoline-6-carboxylate
      (1R, 2S) -2-amino-1-[(benzylamino)methyl]-3-(2-
                                        · 3-(aminocarbonyl)-5-
 furyl)propyl
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[(dipropylamino)carbonyl]benzoate
     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
                                            4-(2,3-dihydro-1,4-
ethylbenzyl)amino]methyl}propyl
benzodioxin-6-yl)-4-oxobutanoate
     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl
                                          3 - (1H - indol - 3 - yl) - 1H -
pyrazole-5-carboxylate
     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl
                                                   2-hydroxy-4-
{ [(methylamino)carbonothioyl]amino}benzoate
     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl 6-chloronicotinate
     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl
                                        4-(3-hydroxyphenyl)-4-
oxobutanoate
     (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
ethylbenzyl)amino]methyl}propyl (phthalazin-1-ylthio)acetate
     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl
                                            [(1-oxidopyridin-2-
yl) thio] acetate
     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl 3-(acetylamino)-5-fluoro-1H-
indole-2-carboxylate
     (1S, 2S) -2-amino-3-phenyl-1-({[3-
(trifluoromethyl) benzyl] amino}methyl) propyl
                                                        3-{[(3-
chlorobenzyl) amino] sulfonyl } benzoate
     (1R, 2S) -2-amino-3-[4-(benzyloxy)phenyl]-1-{[(3-
methoxybenzyl)amino]methyl}propyl
                                          3-(aminocarbonyl)-5-
[(dipropylamino)carbonyl]benzoate
     (1R, 2S) -2-amino-3-(1, 3-benzodioxol-5-yl)-1-
[(benzylamino)methyl]propyl
                                          3-(aminocarbonyl)-5-
[(dipropylamino)carbonyl]benzoate
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(1R, 2S) -2-amino-3-(3,5-difluorophenyl) -1-{[(3-
                                                                                          4-(3,4-dichlorophenyl)-2-
ethylbenzyl)amino]methyl}propyl
hydroxy-3-methyl-4-oxobutanoate
             (1R, 2S) -2-amino-1-\{[(3-methylbutyl)amino]methyl\}-3-[3-
                                                                                                                                                      3 -
(trifluoromethoxy) phenyl] propyl
[(dipropylamino)sulfonyl]propanoate
             (1R, 2S) - 2-amino-3-(3,5-difluorophenyl) -1-{[(3-
                                                                                                         4-[(5-methyl-1,3,4-
ethylbenzyl)amino]methyl}propyl
thiadiazol-2-yl)amino]-4-oxobutanoate
             (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
ethylbenzyl)amino]methyl}propyl (2-ethyl-1H-benzimidazol-1-
vl)acetate
             (1R, 2S) -2-amino-3-(1,3-benzodioxol-5-yl)-1-{[(3-
                                                                                                                                                       3 -
methoxybenzyl)amino]methyl}propyl
 [(dipropylamino)sulfonyl]propanoate
             (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluo
                                                                                           3-(2-oxo-1,3-benzoxazol-
 ethylbenzyl)amino]methyl}propyl
 3(2H)-yl)propanoate
              (1R, 2S) -2-amino-3-(3,5-dichlorophenyl)-1-{[(3-
                                                                                                                                                       3 -
 methylbutyl)amino]methyl}propyl
  [(dipropylamino)sulfonyl]propanoate
              (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - {[(3 - amino - 3 - (3, 5 - difluorophenyl)]}
                                                                                                 4-[(6-methylpyridin-2-
 ethylbenzyl)amino]methyl}propyl
 yl)amino]-4-oxobutanoate
              4-((1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
                                                                                                                                     (4R) - 1, 3 -
                                                                                                   3-ethyl
 ethylbenzyl)amino]methyl}propyl)
  oxazolidine-3,4-dicarboxylate
              N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
 hydroxybutyl]-N-(3-methoxybenzyl)-3-methyl-5-(2-
  methylbenzoyl)benzamide
              N-[(2R,3S)-3-amino-2-hydroxy-4-(4-hydroxyphenyl)butyl]-
  N-(3-methoxybenzyl)-N',N'-dipropylpentanediamide
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N^{1}-[(2R,3S)-3-amino-2-hydroxy-4-(4-methylphenyl)butyl]-
N^{1}-benzyl-N^{3}, N^{3}-dipropylbenzene-1,3,5-tricarboxamide
      N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-ethylbenzyl) -4-propoxybenzamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-ethylbenzyl) -1-methyl-1H-indole-2-
carboxamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-5-chloro-N-(3-ethylbenzyl)-2-(3-methyl-4H-
1,2,4-triazol-4-yl)benzamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-4-(3,4-difluorophenyl)-N-(3-ethylbenzyl)-2-
methoxy-4-oxobutanamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-ethylbenzyl) -2-[3-(2-thienyl)-1H-pyrazol-
1-yl]acetamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-ethylbenzyl)-N'-phenylpentanediamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-ethylbenzyl) -2-(2-thioxo-1,3-
benzothiazol-3(2H)-yl)acetamide
     N-[(2R,3S)-3-amino-4-cyclohexyl-2-hydroxybutyl]-N-
benzyl-5-methyl-N', N'-dipropylisophthalamide
     N^{1}-[(2R,3S)-3-amino-2-hydroxy-4-(4-
methoxyphenyl) butyl] -N^1 - (3-methoxybenzyl) -N^3, N^3 -
dipropylbenzene-1,3,5-tricarboxamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-N-(3-ethylbenzyl)-2-(3-hydroxy-4-
methylphenyl) acetamide
     N-{ (2R, 3S) -3-amino-4-[3-fluoro-5-
(trifluoromethyl)phenyl]-2-hydroxybutyl}-5-methyl-N-(3-
methylbutyl) - N', N' - dipropylisophthalamide
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```
N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-ethylbenzyl) -7-fluoro-4H-imidazo[5,1-midazo]
c][1,4]benzoxazine-3-carboxamide
                      N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-4-(3,4-dihydro-2H-1,5-benzodioxepin-7-yl)-N-
 (3-ethylbenzyl)-4-oxobutanamide
                      N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-N-(3-ethylbenzyl)-1-benzofuran-3-carboxamide
                      N-[(2R, 3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N' - (3, 4-dichlorophenyl) -N-(3-
 ethylbenzyl) malonamide
                       N^{1} - \{ (2R, 3S) - 3 - \text{amino} - 4 - [3 - \text{fluoro} - 5 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} - 4 - \text{mino} -
  (\texttt{trifluoromethyl})\,\texttt{phenyl}]\,\texttt{-2-hydroxybutyl}\,\}\,\texttt{-N}^1\texttt{-benzyl}\,\texttt{-N}^3\,,\,N^3\texttt{-}
 dipropylbenzene-1,3,5-tricarboxamide
                       N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
 hydroxybutyl] -N-[(1R)-2-hydroxy-1-methylethyl]-5-methyl-
 N', N'-dipropylisophthalamide
                       N-[(2R,3S)-3-amino-2-hydroxy-4-(3-methylphenyl)butyl]-
 N-benzyl-5-methyl-N', N'-dipropylisophthalamide
                        N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
  hydroxybutyl]-N-(3-ethylbenzyl)-N'-pyridin-3-
  ylpentanediamide
                          (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
  ethylbenzyl)amino]methyl}propyl 2-methyl-4-oxo-4H-chromene-
   6-carboxylate
                          2-({2-[[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
  \label{localization}  \mbox{hydroxybutyl] (3-ethylbenzyl) amino] -2-oxoethyl} \mbox{thio) -N- (5-oxoethyl) amino] -2-oxoethyl} \mbox{thio) -N- (5-oxoethyl) amino] -2-oxoethyl} \mbox{thio) -N- (5-oxoethyl) amino] -2-oxoethyl]  \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{thio} \mbox{
   methylisoxazol-3-yl)acetamide
                          N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
   hydroxybutyl] -N-[3-(1H-imidazol-1-yl)propyl]-5-methyl-N', N'-1-yl)propyl]
    dipropylisophthalamide
                          N-\{(2R,3S)-3-amino-4-[3-fluoro-5-
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(trifluoromethyl)phenyl]-2-hydroxybutyl}-3-
[(dipropylamino)sulfonyl]-N-(3-methoxybenzyl)propanamide
     N-[(2R,3S)-3-amino-2-hydroxy-4-(4-hydroxyphenyl)butyl]-
3-[(dipropylamino)sulfonyl]-N-(3-methylbutyl)propanamide
     N-[(2R,3S)-3-amino-4-(1,3-benzodioxol-5-yl)-2-
hydroxybutyl] -5-methyl-N-(3-methylbutyl) -N', N'-
dipropylisophthalamide
     N-[(2R,3S)-3-amino-2-hydroxy-4-(2-thienyl)butyl]-3-
[(dipropylamino) sulfonyl] -N-(3-methylbutyl)propanamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -4 - [(2, 2-dimethylpropanoyl) amino] - N - (3 - dimethylpropanoyl) amino] - N - (3 - dimethylpropanoyl)
ethylbenzyl) -2-hydroxybenzamide
     N-[(2R,3S)-3-amino-2-hydroxy-4-(3-methoxyphenyl)]
5-methyl-N-(3-methylbutyl)-N', N'-dipropylisophthalamide.
     N-[(2R,3S)-3-amino-4-(4-fluorophenyl)-2-hydroxybutyl]-
3-{[(3-methoxybenzyl)amino]sulfonyl}-N-[3-
(trifluoromethyl)benzyl]benzamide
     N-\{(2R,3S)-3-amino-2-hydroxy-4-[3-1]
(trifluoromethyl)phenyl]butyl}-5-methyl-N-(3-methylbutyl)-
N', N'-dipropylisophthalamide
     N-\{6-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl](3-ethylbenzyl)amino]-6-oxohexyl}-2-furamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-ethylbenzyl) -2-[(1-phenyl-4,5-dihydro-1H-
tetrazol-5-yl)thio]acetamide
     N-[(2S,3S)-3-amino-2-hydroxy-4-phenylbutyl]-3-{[(3-
methoxybenzyl)amino]sulfonyl}-N-[3-
(trifluoromethyl)benzyl]benzamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -4-(3,4-dihydro-2H-chromen-6-y1)-N-(3-
ethylbenzyl)-4-oxobutanamide
     N^{1}-[(2R,3S)-3-amino-2-hydroxy-4-(3-
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methoxyphenyl)butyl]-N^1-(3-methylbutyl)-N^3, N^3-
dipropylbenzene-1,3,5-tricarboxamide
     N-[(2R,3S)-3-amino-4-(3-fluoro-4-methylphenyl)-2-
hydroxybutyl] -N- (3-methoxybenzyl) -N', N'-
dipropylpentanediamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-ethylbenzyl) indolizine-2-carboxamide
     N-{(2R,3S)-3-amino-2-hydroxy-4-[3-
(trifluoromethoxy) phenyl] butyl\}-N-benzyl-5-methyl-N', N'-
dipropylisophthalamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-ethylbenzyl) nicotinamide 1-oxide
     N-\{(2R,3S)-3-amino-4-[3-(benzyloxy)-5-fluorophenyl]-2-
hydroxybutyl}-3-[(dipropylamino)sulfonyl]-N-(3-
methylbutyl)propanamide
     2-[[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl](3-iodobenzyl)amino]-2-oxoethyl carbamate
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybuty1] -N-(3-ethylbenzy1)-2,3-dihydro-1H-
cyclopenta[b]quinoline-9-carboxamide
      N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-ethylbenzyl) -3-methyl-1H-pyrazole-5-
 carboxamide
      N-\{5-[[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
 hydroxybutyl] (3-ethylbenzyl)amino]-5-oxopentyl}benzamide
      N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
 hydroxybutyl]-N-(3-ethylbenzyl)-4-
 [(methoxymethyl)thio]benzamide
      N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
 hydroxybutyl] -3 - (1,3-benzothiazol-2-yl) -N - (3-ethylbenzyl) -3 -
 methoxypropanamide
      N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
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```
hydroxybutyl] -N-(3-ethylbenzyl) -3-
 {[(methylamino)carbonyl]amino}-3-(3-thienyl)propanamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-N-(3-ethylbenzyl)-5-pyridin-2-ylthiophene-2-
carboxamide
     N^{1}-\{(2R,3S)-3-amino-4-[3-(benzyloxy)-5-fluorophenyl]-2-
hydroxybutyl\}-N^1-benzyl-N^3, N^3-dipropylbenzene-1, 3, 5-
tricarboxamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-2-(5,6-dimethyl-2,4-dioxo-1,2,3,4-
tetrahydropyridin-3-yl)-N-(3-ethylbenzyl)acetamide
     N-[(2R,3S)-3-amino-4-(3-fluoro-4-methoxyphenyl)-2-
hydroxybutyl] -5-methyl-N-(3-methylbutyl) -N', N'-
dipropylisophthalamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-N-(3-ethylbenzyl)-2-isobutyl-1,3-
dioxoisoindoline-5-carboxamide
     5-(acetylamino)-N-[(2R,3S)-3-amino-4-(3,5-
difluorophenyl)-2-hydroxybutyl]-N-(3-ethylbenzyl)-2-furamide
     N^{1}-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N^1 - (3-ethylbenzyl) -N^2 - [(4-
methoxyphenyl)acetyl]glycinamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-N-(3-ethylbenzyl)isoquinoline-4-carboxamide
     N^{1}-\{(2R,3S)-3-amino-4-[3-(benzyloxy)phenyl]-2-
hydroxybutyl\}-N^1-(3-methylbutyl)-N^3, N^3-dipropylbenzene-1,3,5-
tricarboxamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-N-(3-ethylbenzyl)-2-(4-hydroxy-3-
methoxyphenyl) acetamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-ethylbenzyl) -2-[(4-phenyl-4H-1,2,4-
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triazol-3-yl)thio]acetamide
     N-[(2R;3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -2-(3,5-dimethoxyphenyl) -N-(3-
ethylbenzyl)acetamide
     N-[(2R,3S)-3-amino-2-hydroxy-4-(3-methoxyphenyl)butyl]-
N-benzyl-5-methyl-N', N'-dipropylisophthalamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
[1,2,4]triazolo[1,5-a]benzimidazol-4-yl)acetamide
     N-[(2R,3S)-3-amino-4-(2-furyl)-2-hydroxybutyl]-N-
\verb|benzyl-5-methyl-N'|, N'-dipropylis ophthalamide|
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-7-chloro-N-(3-ethylbenzyl)-1-benzofuran-2-
carboxamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
\label{localization} \verb|hydroxybuty1|-2-(1,3-dioxo-1,3-dihydro-2H-isoindol-2-yl)-N-|
(3-ethylbenzyl)propanamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-N-(3-ethylbenzyl)-3-(2-oxo-2H-1,3-benzoxazin-
3(4H)-yl)propanamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-N-(3-ethylbenzyl)-2-(pyrimidin-2-
ylthio)acetamide
     N'-[3-(aminocarbonyl)-4,5,6,7-tetrahydro-1-benzothien-
2-y1]-N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
h\dot{y}droxybutyl] -N-(3-ethylbenzyl) succinamide
      N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-ethylbenzyl) -2-[(5-phenyl-1,3,4-
 oxadiazol-2-yl)thio]acetamide
      N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
 hydroxybutyl]-N-(3-ethylbenzyl)quinoline-6-carboxamide
      N^{1}-[(2R,3S)-3-amino-4-(2-furyl)-2-hydroxybutyl]-N^{1}-
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benzyl-N^3, N^3-dipropylbenzene-1, 3, 5-tricarboxamide
              N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
 hydroxybuty1]-4-(2,3-dihydro-1,4-benzodioxin-6-y1)-N-(3-benzodioxin-6-y1)
 ethylbenzyl)-4-oxobutanamide
              N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
 hydroxybutyl] -N-(3-ethylbenzyl) -3-(1H-indol-3-yl) -1H-indol-3-yl)
 pyrazole-5-carboxamide
              N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
 hydroxybutyl]-N-(3-ethylbenzyl)-2-hydroxy-4-
 { [(methylamino) carbonothioyl] amino} benzamide
              N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-6-chloro-N-(3-ethylbenzyl)nicotinamide
              N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-N-(3-ethylbenzyl)-4-(3-hydroxyphenyl)-4-
oxobutanamide
             N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-N-(3-ethylbenzyl)-2-(phthalazin-1-
ylthio) acetamide
             N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-ethylbenzyl) -2-[(1-oxidopyridin-2-interval)] -N-(3-ethylbenzyl) -2-[(1-oxidopyridin-2-interval)] -N-(3-ethylbenzyl) -2-[(1-oxidopyridin-2-interval)] -N-(3-ethylbenzyl) -2-[(1-oxidopyridin-2-interval)] -N-(3-ethylbenzyl) -2-[(1-oxidopyridin-2-interval)] -N-(3-ethylbenzyl) -2-[(1-oxidopyridin-2-interval)] -N-(3-ethylbenzyl) -2-[(1-oxidopyridin-2-interval)] -N-(3-ethylbenzyl) -2-[(1-oxidopyridin-2-interval)] -N-(3-ethylbenzyl) -2-[(1-oxidopyridin-2-interval)] -N-(3-ethylbenzyl) -2-[(1-oxidopyridin-2-interval)] -N-(3-ethylbenzyl) -2-[(1-oxidopyridin-2-interval)] -N-(3-ethylbenzyl) -2-[(1-oxidopyridin-2-interval)] -N-(3-ethylbenzyl) -2-[(1-oxidopyridin-2-interval)] -N-(3-ethylbenzyl) -2-[(1-oxidopyridin-2-interval)] -N-(3-ethylbenzyl) -2-[(1-oxidopyridin-2-interval)] -N-(3-ethylbenzyl) -2-[(1-oxidopyridin-2-interval)] -N-(3-ethylbenzyl) -N-(3-ethylbenzyl) -N-(3-ethylbenzyl) -N-(3-ethylbenzyl) -N-(3-ethylbenzyl) -N-(3-ethylbenzyl) -N-(3-ethylbenzyl) -N-(3-ethylbenzyl) -N-(3-ethylbenzyl) -N-(3-ethylbenzyl) -N-(3-ethylbenzyl) -N-(3-ethylbenzyl) -N-(3-ethylbenzyl) -N-(3-ethylbenzyl) -N-(3-ethylbenzyl) -N-(3-ethylbenzyl) -N-(3-ethylbenzyl) -N-(3-ethylbenzyl) -N-(3-ethylbenzyl) -N-(3-ethylbenzyl) -N-(3-ethylbenzyl) -N-(3-ethylbenzyl) -N-(3-ethylbenzyl) -N-(3-ethylbenzyl) -N-(3-ethylbenzyl) -N-(3-ethylbenzyl) -N-(3-ethylbenzyl) -N-(3-ethylbenzyl) -N-(3-ethylbenzyl) -N-(3-ethylbenzyl) -N-(3-ethylbenzyl) -N-(3-ethylbenzyl) -N-(3-ethylbenzyl) -N-(3-ethylbenzyl) -N-(3-ethylbenzyl) -N-(3-ethylbenzyl) -N-(3-ethylbenzyl) -N-(3-ethylbenzyl) -N-(3-ethylbenzyl) -N-(3-ethylbenzyl) -N-(3-ethylbenzyl) -N-(3-ethylbenzyl) -N-(3-ethylbenzyl) -N-(3-ethylbenzyl) -N-(3-ethylbenzyl) -N-(3-ethylbenzyl) -N-(3-ethylbenzyl) -N-(3-ethylbenzyl) -N-(3-ethylbenzyl) -N-(3-ethylbenzyl) -N-(3-ethylbenzyl) -N-(3-ethylbenzyl) -N-(3-ethylbenzyl) -N-(3-ethylbenzyl) -N-(3-ethylbenzyl) -N-(3-ethylbenzyl) -N-(3-ethylbenzyl) -N-(3-ethylbenzyl) -N-(3-ethylbenzyl) -N-(3-ethylbenzyl) -N-(3-ethylbenzyl) -N-(3-ethylbenzyl) -N-(3-ethylbenzyl) -
yl)thio]acetamide
             3-(acetylamino) -N- [(2R, 3S) - 3 - amino - 4 - (3, 5 - 3)]
difluorophenyl) -2-hydroxybutyl] -N-(3-ethylbenzyl) -5-fluoro-
1H-indole-2-carboxamide
             N-[(2S,3S)-3-amino-2-hydroxy-4-phenylbutyl]-3-{[(3-
chlorobenzyl) amino] sulfonyl}-N-[3-
 (trifluoromethyl)benzyl]benzamide
             N^{1} - \{ (2R, 3S) - 3 - \text{amino} - 4 - [4 - (\text{benzyloxy}) \text{ phenyl}] - 2 - (\text{benzyloxy}) \}
hydroxybutyl\}-N^1-(3-methoxybenzyl)-N^3, N^3-dipropylbenzene-
1,3,5-tricarboxamide
             N^{1}-[(2R,3S)-3-amino-4-(1,3-benzodioxol-5-yl)-2-
hydroxybutyl] -N^1-benzyl-N^3, N^3-dipropylbenzene-1, 3, 5-
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tricarboxamide
                                    N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-4-(3,4-dichlorophenyl)-N-(3-ethylbenzyl)-2-
hydroxy-3-methyl-4-oxobutanamide
                                     N-\{(2R,3S)-3-amino-2-hydroxy-4-[3-4]\}
   (trifluoromethoxy)phenyl]butyl}-3-[(dipropylamino)sulfonyl]-
 N-(3-methylbutyl)propanamide
                                     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
 hydroxybutyl] -N-(3-ethylbenzyl) -N'-(5-methyl-1,3,4-
  thiadiazol-2-yl) succinamide
                                      N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
 hydroxybutyl] -2 - (2-ethyl-1H-benzimidazol-1-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(3-yl) -N-(
   ethylbenzyl)acetamide
                                       N-[(2R,3S)-3-amino-4-(1,3-benzodioxol-5-yl)-2-
   hydroxybutyl] -3-[(dipropylamino)sulfonyl]-N-(3-
   methoxybenzyl)propanamide
                                       N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
  \label{local_substitution} \mbox{hydroxybutyl} \mbox{-} \mbox{N-(3-ethylbenzyl)-3-(2-oxo-1,3-benzoxazol-1)} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \mbox{-} \
    3(2H)-yl)propanamide
                                        N-[(2R,3S)-3-amino-4-(3,5-dichlorophenyl)-2-
    hydroxybutyl] -3-[(dipropylamino)sulfonyl] -N-(3-
     methylbutyl)propanamide
                                        N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
    hydroxybutyl] - N-(3-ethylbenzyl) - N'-(6-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-methylpyridin-2-me
     yl) succinamide
                                         ethyl (4R)-4-\{[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-4-(3,5-difluorophenyl)-4-(3,5-difluorophenyl)-4-(3,5-difluorophenyl)-4-(3,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-difluorophenyl)-4-(4,5-diflu
     2-hydroxybutyl](3-ethylbenzyl)amino]carbonyl}-1,3-
     oxazolidine-3-carboxylate
                                          (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
                                                                                                                                                                                                                                                                                                      3-(butylsulfinyl)-N-
     ethylbenzyl)amino]methyl}propyl
      (methoxycarbonyl) -D-alaninate
                                           (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
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ethylbenzyl)amino]methyl}propyl S-butyl-N-(methoxycarbonyl)-
D-cysteinate
     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl
                                    N-[(benzyloxy)carbonyl]-3-
[(4,4,4-trifluorobutyl)sulfonyl]-D-alaninate
     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl
                                   N-[(benzyloxy)carbonyl]-3-
[(4,4,4-trifluorobutyl)sulfinyl]-D-alaninate
     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl
                                    N-[(benzyloxy)carbonyl]-S-
(4,4,4-trifluorobutyl)-D-cysteinate
     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl
                                          3-(butylsulfonyl)-N-
(methoxycarbonyl) -D-alaninate
     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl 3-(butylsulfonyl)-N-[(2,2,2-
trifluoroethoxy) carbonyl] -D-alaninate
     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl
                                      3-(butylsulfonyl)-N-[(2-
cyanoethoxy) carbonyl] -D-alaninate
     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl 3-(butylsulfonyl)-N-{[(3R)-
pyrrolidin-3-yloxy]carbonyl}-D-alaninate
     (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
ethylbenzyl)amino]methyl}propyl
                                  3-(butylsulfonyl)-N-\{[(3S)-
tetrahydrofuran-3-yloxy]carbonyl}-D-alaninate
     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl
                                                        N-\{[2-
(acetylamino)ethoxy]carbonyl}-3-(butylsulfonyl)-D-alaninate
     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl
                                         3-(butylsulfonyl)-N-
[(pyridin-3-ylmethoxy)carbonyl]-D-alaninate
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(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
                                                                                                                                                                                                        3-(butylsulfonyl)-N-
ethylbenzyl)amino]methyl}propyl
 [(pyridin-4-ylmethoxy)carbonyl]-D-alaninate
                          (1R,2S)-2-amino-1-[(cyclopropylamino)methyl]-3-(3,5-
difluorophenyl)propyl 3-(butylsulfonyl)-N-(methoxycarbonyl)-
D-alaninate
                          (1R, 2S) -2-amino-1-[(cyclopropylamino)methyl]-3-(3,5-
                                                                                                                                                                                     3-(butylsulfonyl)-N-[(2-
 difluorophenyl)propyl
 cyanoethoxy) carbonyl] -D-alaninate
                           (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - { [(3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3
                                                                                                                                                                      N-[(benzyloxy)carbonyl]-3-
 methylbutyl)amino]methyl}propyl
   (butylsulfonyl) -D-alaninate
                            (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
                                                                                                                                                                                                           3-(butylsulfonyl)-N-
  methylbutyl)amino]methyl}propyl
   (methoxycarbonyl)-D-alaninate
                            (1R, 2S) -2-amino-1-[(cyclopropylamino)methyl]-3-(3,5-
                                                                                                                                     N-[(2-cyanoethoxy)carbonyl]-3-[(1-
  difluorophenyl)propyl
  propylbutyl)sulfonyl]-D-alaninate
                             (1R,2S)-2-amino-1-[(cyclopropylamino)methyl]-3-(3,5-
   difluorophenyl) propyl N-\{[2-(acetylamino)ethoxy]carbonyl\}-3-
    [(1-propylbutyl)sulfonyl]-D-alaninate
                             (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
                                                                                                                                                                              N-(methoxycarbonyl)-3-[(1-
   methylbutyl)amino]methyl}propyl
   propylbutyl)sulfonyl]-D-alaninate
                              (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
                                                                                                                                                                              N-[(benzyloxy)carbonyl]-3-
    methylbutyl)amino]methyl}propyl
     [(1-propylbutyl)sulfonyl]-D-alaninate
                              (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - { [(3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - diflu
                                                                                                                                                                                            N-\{[2-(diethylamino)-2-
     ethylbenzyl)amino]methyl}propyl
     oxoethoxy]carbonyl}-3-[(1-propylbutyl)sulfonyl]-D-alaninate
                                (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - { [(3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - diflu
                                                                                                                                                                                N-(methoxycarbonyl)-3-[(1-
      ethylbenzyl)amino]methyl}propyl
      propylbutyl)sulfonyl]-D-alaninate
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(1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl
                                    N-(isopropoxycarbonyl)-3-
[(1-propylbutyl)sulfonyl]-D-alaninate
     (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
ethylbenzyl) amino] methyl propyl
                                                           N-
[(cyclopropylmethoxy)carbonyl]-3-[(1-propylbutyl)sulfonyl]-
D-alaninate
     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl
                                    N-[(allyloxy)carbonyl]-3-
[(1-propylbutyl)sulfonyl]-D-alaninate
     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl N-[(2-cyanoethoxy)carbonyl]-
3-[(1-propylbutyl)sulfonyl]-D-alaninate
     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-{[(3-
ethylbenzyl) amino] methyl propyl
                                                       N - \{ [2 -
(acetylamino) ethoxy] carbonyl}-3-[(1-propylbutyl) sulfonyl]-D-
alaninate
     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl 3-[(1-propylbutyl)sulfonyl]-
N-[(pyridin-3-ylmethoxy)carbonyl]-D-alaninate
     (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
ethylbenzyl)amino]methyl}propyl 3-[(1-propylbutyl)sulfonyl]-
N-[(pyridin-4-ylmethoxy)carbonyl]-D-alaninate
     (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
ethylbenzyl)aminolmethyl}propyl
                                                      (2R) - 2 -
{ [(benzyloxy) carbonyl] amino } -4 - (methylsulfonyl) butanoate
     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-{ [(3-
ethylbenzyl)amino]methyl}propyl
                                  N-[(benzyloxy)carbonyl]-3-
(butylsulfonyl) -D-alaninate
     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
(butylsulfonyl) -L-alaninate
     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-(\{[(1R) -2-
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hydroxy-1-phenylethyl]amino}methyl)propyl
[(benzyloxy)carbonyl]-3-[(1-propylbutyl)sulfonyl]-D-
alaninate
      (1R, 2S) -2-amino-3-(3,5-difluorophenyl) -1-({[(1R)-2-
methoxy-1-phenylethyl]amino}methyl)propyl
                                                                  N-
[(benzyloxy)carbonyl]-3-[(1-propylbutyl)sulfonyl]-D-
alaninate
      (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-({[(1S)-2-
methoxy-1-phenylethyl]amino}methyl)propyl
                                                                  N-
[(benzyloxy)carbonyl]-3-[(1-propylbutyl)sulfonyl]-D-
alaninate
      (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-({[1-(3-
                                                                  N-
ethylphenyl)cyclopropyl]amino}methyl)propyl
[(benzyloxy)carbonyl]-3-[(1-propylbutyl)sulfonyl]-D-
alaninate
      (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
ethylbenzyl)amino]methyl)propyl 3-[(1-propylbutyl)sulfonyl]-
N-[(prop-2-yn-1-yloxy)carbonyl]-D-alaninate
      (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
                                                              N-[(2-
ethylbenzyl)amino]methyl}propyl
methoxyethoxy)carbonyl]-3-[(1-propylbutyl)sulfonyl]-D-
alaninate
      (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
ethylbenzyl)amino]methyl}propyl
                                                       N-(\{[(3R)-1-
acetylpyrrolidin-3-yl]oxy}carbonyl)-3-[(1-
propylbutyl)sulfonyl]-D-alaninate
      (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
ethylbenzyl)amino]methyl}propyl 3-[(1-propylbutyl)sulfonyl]-
N-\{[(3S)-\text{tetrahydrofuran-3-yloxy}]\text{ carbonyl}\}-D-\text{alaninate}\}
      (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
ethylbenzyl)amino]methyl}propyl 3-[(1-propylbutyl)sulfonyl]-
N-\{[(3S)-\text{tetrahydrofuran-3-yloxy}] \text{ carbonyl}\}-L-alaninate}
       (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl)]
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N-[(benzyloxy)carbonyl]-3-
ethylbenzyl)amino]methyl}propyl
[(1-propylbutyl)sulfonyl]-D-alaninate
           (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
ethylbenzyl)amino]methyl}propyl
                                                                               N-[(benzyloxy)carbonyl]-3-
[(1-propylbutyl)sulfonyl]-L-alaninate
           (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-({[1-(3-
ethylphenyl)cyclopropyl]amino}methyl)propyl
                                                                                                                                        N-
[(benzyloxy)carbonyl]-3-[(1-propylbutyl)sulfonyl]alaninate
           (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
                                                                               N-[(benzyloxy)carbonyl]-3-
ethylbenzyl)amino]methyl}propyl
[(1-propylbutyl)sulfonyl]alaninate
           (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
methylbutyl)amino]methyl}propyl
                                                                              N-[(benzyloxy)carbonyl]-3-
[(1-propylbutyl)sulfonyl]alaninate
           (1R,2S)-2-amino-1-[(cyclopropylamino)methyl]-3-(3,5-
difluorophenyl)propyl
                                                                      N-[(benzyloxy)carbonyl]-3-[(1-
propylbutyl) sulfonyl] alaninate
           (1R, 2S) -2-amino-1-{[(cyclopropylmethyl)amino]methyl}-3-
                                                                     N-[(benzyloxy)carbonyl]-3-[(1-
(3,5-difluorophenyl)propyl
propylbutyl) sulfonyl] alaninate
           (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - \{ [(3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5
ethylphenyl)amino]methyl}propyl N-[(benzyloxy)carbonyl]-3-
[(1-propylbutyl)sulfonyl]alaninate
           (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-[({2-[3-
(trifluoromethyl) phenyl] ethyl amino) methyl propyl
[(benzyloxy)carbonyl]-3-[(1-propylbutyl)sulfonyl]alaninate
           (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl 3-[(1-propylbutyl)sulfonyl]-
N-[(pyridin-3-ylmethoxy)carbonyl]alaninate
           (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-{ [(3-
ethylbenzyl)amino]methyl}propyl 3-[(1-propylbutyl)sulfonyl]-
N-\{[(3S)-\text{tetrahydrofuran}-3-\text{yloxy}]\text{ carbonyl}\}alaninate
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(1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - {[(3 - amino - 3 - (3, 5 - difluorophenyl)]}
ethylbenzyl)amino]methyl}propyl 3-[(1-propylbutyl)sulfonyl]-
N-\{[(3R)-\text{tetrahydrofuran-}3-\text{yloxy}]\text{ carbonyl}\}alaninate
      (1R, 2S) -2-amino-1-\{[(3-methoxybenzyl) amino] methyl\}-3-
                            3-[(1-propylbutyl)sulfonyl]-N-{[(3S)-
phenylpropyl
tetrahydrofuran-3-yloxy]carbonyl}alaninate
      (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
                                                         N-(\{[(3R)-1-
ethylbenzyl)amino]methyl}propyl
acetylpyrrolidin-3-yl]oxy}carbonyl)-3-[(1-
propylbutyl)sulfonyl]alaninate
      (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - {[(3 - amino - 3 - (3, 5 - difluorophenyl)] - (3, 5 - difluorophenyl)]}
ethylbenzyl)amino]methyl}propyl 3-[(1-propylbutyl)sulfonyl]-
N-\{[(3R)-pyrrolidin-3-yloxy]carbonyl\}alaninate
      (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
                                                          N-(\{[(3R)-1-
ethylbenzyl)amino]methyl}propyl
benzylpyrrolidin-3-yl]oxy}carbonyl)-3-[(1-
propylbutyl) sulfonyl] alaninate
      (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - {[(3 - amino - 3 - (3, 5 - difluorophenyl)]}
                                                       N-(\{[(3R)-1,1-
 ethylbenzyl)amino]methyl}propyl
dioxidotetrahydro-3-thienyl]oxy}carbonyl)-3-[(1-
 propylbutyl)sulfonyl]alaninate
       (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
 ethylbenzyl)amino]methyl}propyl 3-[(1-propylbutyl)sulfonyl]-
 N-\{[(3R)-tetrahydro-3-thienyloxy]carbonyl\}alaninate
       (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
                                                                      N-
 ethylbenzyl)amino]methyl}propyl
 [(cyclopentyloxy)carbonyl]-3-[(1-
 propylbutyl) sulfonyl] alaninate
       (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
 ethylbenzyl)amino]methyl}propyl N-[(cyclohexyloxy)carbonyl]-
 3-[(1-propylbutyl)sulfonyl]alaninate
       (1R, 2S) -2-amino-1-[(cyclopropylamino)methyl]-3-(3,5-
                                     3-[(1-propylbutyl)sulfonyl]-N-
 difluorophenyl)propyl
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[(tetrahydro-2H-pyran-4-yloxy)carbonyl]alaninate
                      (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
  ethylbenzyl)amino]methyl}propyl
                                                                                                                                                                                                          N- ({ [1-
   (methylsulfonyl)piperidin-4-yl]oxy}carbonyl)-3-[(1-
 propylbutyl) sulfonyl]alaninate
                     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
 ethylbenzyl)amino]methyl}propyl N-{[(1-acetylpiperidin-4-
 yl)oxy]carbonyl}-3-[(1-propylbutyl)sulfonyl]alaninate
                     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
 ethylbenzyl) amino] methyl P = N - (\{ (2R) - 5 - 0xopyrrolidin - 2 - 0xopyrrolidin - 2 - 0xopyrrolidin - 2 - 0xopyrrolidin - 2 - 0xopyrrolidin - 2 - 0xopyrrolidin - 2 - 0xopyrrolidin - 2 - 0xopyrrolidin - 2 - 0xopyrrolidin - 2 - 0xopyrrolidin - 2 - 0xopyrrolidin - 2 - 0xopyrrolidin - 2 - 0xopyrrolidin - 2 - 0xopyrrolidin - 2 - 0xopyrrolidin - 2 - 0xopyrrolidin - 2 - 0xopyrrolidin - 2 - 0xopyrrolidin - 2 - 0xopyrrolidin - 2 - 0xopyrrolidin - 2 - 0xopyrrolidin - 2 - 0xopyrrolidin - 2 - 0xopyrrolidin - 2 - 0xopyrrolidin - 2 - 0xopyrrolidin - 2 - 0xopyrrolidin - 2 - 0xopyrrolidin - 2 - 0xopyrrolidin - 2 - 0xopyrrolidin - 2 - 0xopyrrolidin - 2 - 0xopyrrolidin - 2 - 0xopyrrolidin - 2 - 0xopyrrolidin - 2 - 0xopyrrolidin - 2 - 0xopyrrolidin - 2 - 0xopyrrolidin - 2 - 0xopyrrolidin - 2 - 0xopyrrolidin - 2 - 0xopyrrolidin - 2 - 0xopyrrolidin - 2 - 0xopyrrolidin - 2 - 0xopyrrolidin - 2 - 0xopyrrolidin - 2 - 0xopyrrolidin - 2 - 0xopyrrolidin - 2 - 0xopyrrolidin - 2 - 0xopyrrolidin - 2 - 0xopyrrolidin - 0xopyrrolidin - 0xopyrrolidin - 0xopyrrolidin - 0xopyrrolidin - 0xopyrrolidin - 0xopyrrolidin - 0xopyrrolidin - 0xopyrrolidin - 0xopyrrolidin - 0xopyrrolidin - 0xopyrrolidin - 0xopyrrolidin - 0xopyrrolidin - 0xopyrrolidin - 0xopyrrolidin - 0xopyrrolidin - 0xopyrrolidin - 0xopyrrolidin - 0xopyrrolidin - 0xopyrrolidin - 0xopyrrolidin - 0xopyrrolidin - 0xopyrrolidin - 0xopyrrolidin - 0xopyrrolidin - 0xopyrrolidin - 0xopyrrolidin - 0xopyrrolidin - 0xopyrrolidin - 0xopyrrolidin - 0xopyrrolidin - 0xopyrrolidin - 0xopyrrolidin - 0xopyrrolidin - 0xopyrrolidin - 0xopyrrolidin - 0xopyrrolidin - 0xopyrrolidin - 0xopyrrolidin - 0xopyrrolidin - 0xopyrrolidin - 0xopyrrolidin - 0xopyrrolidin - 0xopyrrolidin - 0xopyrrolidin - 0xopyrrolidin - 0xopyrrolidin - 0xopyrrolidin - 0xopyrrolidin - 0xopyrrolidin - 0xopyrrolidin - 0xopyrrolidin - 0xopyrrolidin - 0xopyrrolidin - 0xopyrrolidin - 0xopyrrolidin - 0xopyrrolidin - 0xopyrrolidin - 0xopyrrolidin - 0xopyrrolidin - 0xopyrrolidin - 0xopyrrolidin - 0xopyrrolidin - 0xopyrrolidin - 0xopyrrolidin -
yl]methoxy}carbonyl)-3-[(1-propylbutyl)sulfonyl]alaninate
                     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
 ethylbenzyl) amino] methyl propyl N-({[(2S)-5-oxopyrrolidin-2-
yl]methoxy}carbonyl)-3-[(1-propylbutyl)sulfonyl]alaninate
                     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl
                                                                                                                                                                                                            N-[(2-
methoxyethoxy) carbonyl] -3-[(1-propylbutyl) sulfonyl] alaninate
                     (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - \{ [(3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5
ethylbenzyl)amino]methyl}propyl
                                                                                                                                N-[(benzyloxy)carbonyl]-3-
 (butylsulfonyl) alaninate
                    (1R, 2S) -2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-
phenylpropyl
                                                                                                                  N-[(benzyloxy)carbonyl]-3-[(1-
propylbutyl) sulfonyl] alaninate
                   N-\{(1S,2R)-1-benzyl-2-hydroxy-3-[(3-
methoxybenzyl)amino]propyl}-2-hydroxy-4-
 (phenylsulfonyl) butanamide hydrochloride
                    (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl
                                                                                                                                    N^2 - [(benzyloxy) carbonyl] -
N^5, N^5-dipropyl-L-glutaminate
                   (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl
                                                                                                                                    N^2 - [(benzyloxy) carbonyl] -
N^5, N^5-dipropyl-D-glutaminate
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(1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
                                                                                    3-(butylsulfonyl)-N-(3,3,3-
ethylbenzyl)amino]methyl}propyl
trifluoropropanoyl) -D-alaninate
             (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
                                                                                                      3-(butylsulfonyl)-N-
ethylbenzyl)amino]methyl}propyl
(trifluoroacetyl) -D-alaninate
             (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
ethylbenzyl)amino]methyl}propyl N-acetyl-3-(butylsulfonyl)-
D-alaninate
             (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
                                                                                                   3-(butylsulfonyl)-N-
ethylbenzyl)amino]methyl}propyl
isonicotinoyl-D-alaninate
             (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
ethylbenzyl)amino]methyl}propyl
                                                                                                      3-(butylsulfonyl)-N-
 (cyclopropylcarbonyl) -D-alaninate
             (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
                                                                                    \beta-alanyl-3-(butylsulfonyl)-
ethylbenzyl)amino]methyl}propyl
D-alaninate
             (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl glycyl-3-(butylsulfonyl)-D-
alaninate
              (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
                                                                                                    N, N-dimethylqlycyl-3-
ethylbenzyl)amino]methyl}propyl
 (butylsulfonyl) -D-alaninate
              (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
                                                                                             N, N-dimethyl-\beta-alanyl-3-
ethylbenzyl)amino]methyl}propyl
 (butylsulfonyl) -D-alaninate
              (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
                                                                                                      3-(butylsulfonyl)-N-
ethylbenzyl)amino]methyl}propyl
 (methoxyacetyl) -D-alaninate
              (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - \{ [(3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - diflu
                                                                                                       3-(butylsulfonyl)-N-
 ethylbenzyl)amino]methyl}propyl
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(1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - \{ [(3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3,
  ethylbenzyl)amino]methyl}propyl
                                                                                  3-(butylsulfonyl)-N-[(2,4-
  dimethyl-1,3-thiazol-5-yl)carbonyl]-D-alaninate
             (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
 ethylbenzyl)amino]methyl}propyl
                                                                                       3-(butylsulfonyl) - N-{[3-
  (trifluoromethyl)-1H-pyrazol-4-yl]carbonyl}-D-alaninate
             (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
 ethylbenzyl)amino]methyl}propyl 3-(butylsulfonyl)-N-[(3-
 methyl-1H-pyrazol-5-yl)carbonyl]-D-alaninate
             (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
 ethylbenzyl)amino]methyl}propyl
                                                                                       3-(butylsulfonyl)-N-(1H-
 imidazol-4-ylcarbonyl) -D-alaninate
             (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
 ethylbenzyl)amino]methyl}propyl
                                                                                                        (2R) - 5 - hydroxy - 2 -
 [(methoxycarbonyl)amino]nonanoate
            (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
 ethylbenzyl)amino]methyl}propyl
                                                                                       3-(butylsulfonyl)-N-[(6-
hydroxypyridin-3-yl)carbonyl]-D-alaninate
            (1R, 2S) -2-amino-1-[(cyclopropylamino)methyl]-3-(3,5-
difluorophenyl)propyl
                                                                      3-(butylsulfonyl)-N-(pyridin-3-
ylcarbonyl) - D-alaninate
            (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
methylbutyl)amino]methyl}propyl N-acetyl-3-(butylsulfonyl)-
D-alaninate
            (1R, 2S) -2-amino-1-[(cyclopropylamino)methyl]-3-(3,5-
difluorophenyl)propyl
                                                                       N-(cyclopropylcarbonyl)-3-[(1-
propylbutyl) sulfonyl] -D-alaninate
            (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
methylbutyl) amino] methyl propyl
                                                                                                           N-acetyl-3-[(1-
propylbutyl) sulfonyl] -D-alaninate
            (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl
                                                                                          N-isonicotinoy1-3-[(1-
propylbutyl) sulfonyl] -D-alaninate
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(1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
                                                                                                                                          N-[(5-bromopyridin-3-
ethylbenzyl)amino]methyl}propyl
yl)carbonyl]-3-[(1-propylbutyl)sulfonyl]-D-alaninate
                  (1R, 2S) -2-amino-3-(3, 5-difluorophenyl) -1-\{[(3-
ethylbenzyl)amino]methyl}propyl
                                                                                                                                   N-[(5-chloropyridin-3-
yl)carbonyl]-3-[(1-propylbutyl)sulfonyl]-D-alaninate
                  (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
ethylbenzyl)amino]methyl}propyl
                                                                                                                       N-(3-fluorobenzoyl)-3-[(1-
propylbutyl)sulfonyl]-D-alaninate
                  (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
                                                                                                                                      N-[(5-methylpyridin-3-
ethylbenzyl)amino]methyl}propyl
yl)carbonyl]-3-[(1-propylbutyl)sulfonyl]-D-alaninate
                  (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
                                                                                                                                          N-phenylglycyl-3-[(1-
 ethylbenzyl)amino]methyl}propyl
propylbutyl)sulfonyl]-D-alaninate
                   (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
 ethylbenzyl)amino]methyl}propyl 3-[(1-propylbutyl)sulfonyl]-
 N-\{[3-(trifluoromethyl)-1H-pyrazol-4-yl]carbonyl\}-D-
 alaninate
                   (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - \{ [(3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - diflu
 ethylbenzyl)amino]methyl}propyl N-[(3-methyl-1H-pyrazol-5-
 yl)carbonyl]-3-[(1-propylbutyl)sulfonyl]-D-alaninate
                   (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
 ethylbenzyl)amino]methyl}propyl 3-[(1-propylbutyl)sulfonyl]-
 N-(1,3-thiazol-4-ylcarbonyl)-D-alaninate
                   (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
                                                                                                                                N-[(1-acetylpiperidin-4-
 ethylbenzyl)amino]methyl}propyl
 yl)carbonyl]-3-[(1-propylbutyl)sulfonyl]-D-alaninate
                    (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
  ethylbenzyl)amino]methyl}propyl N-[4-(acetylamino)butanoyl]-
  3-[(1-propylbutyl)sulfonyl]-D-alaninate
                (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - \{ [(3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - diflu
                                                                                                                                 N-acetyl-O-alanyl-3-[(1-
  ethylbenzyl)amino]methyl}propyl
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propylbutyl) sulfonyl] -D-alaninate
                                         (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - \{ [(3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5
ethylbenzyl)amino]methyl}propyl
                                                                                                                                                                                                                                                                                                   N-(chloroacetyl)-3-[(1-
propylbutyl) sulfonyl] -D-alaninate
                                        (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - \{ [(3 - 3) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - 
ethylbenzyl)amino]methyl}propyl
                                                                                                                                                                                                                                                                                           N-(methoxyacetyl)-3-[(1-
propylbutyl) sulfonyl] -D-alaninate
                                         (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl
                                                                                                                                                                                                                                                                                    N-(3-methoxypropanoyl)-3-
  [(1-propylbutyl)sulfonyl]-D-alaninate
                                         (1R, 2S) - 2 - amino - 3 - (3, 5 - diffluorophenyl) - 1 - \{ [(3 - amino - 3 - (3, 5 - diffluorophenyl) - 1 - (3, 5 - diffluorophenyl) - (3, 5 - diffluorophenyl) - (3, 5 - diffluorophenyl) - (3, 5 - diffluorophenyl) - (3, 5 - diffluorophenyl) - (3, 5 - diffluorophenyl) - (3, 5 - diffluorophenyl) - (3, 5 - diffluorophenyl) - (3, 5 - diffluorophenyl) - (3, 5 - diffluorophenyl) - (3, 5 - diffluorophenyl) - (3, 5 - diffluorophenyl) - (3, 5 - diffluorophenyl) - (3, 5 - diffluorophenyl) - (3, 5 - diffluorophenyl) - (3, 5 - diffluorophenyl) - (3, 5 - diffluorophenyl) - (3, 5 - diffluorophenyl) - (3, 5 - diffluorophenyl) - (3, 5 - diffluorophenyl) - (3, 5 - diffluorophenyl) - (3, 5 - diffluorophenyl) - (3, 5 - diffluorophenyl) - (3, 5 - diffluorophenyl) - (3, 5 - diffluorophenyl) - (3, 5 - diffluorophenyl) - (3, 5 - diffluorophenyl) - (3, 5 - diffluorophenyl) - (3, 5 - diffluorophenyl) - (3, 5 - diffluorophenyl) - (3, 5 - diffluorophenyl) - (3, 5 - diffluorophenyl) - (3, 5 - diffluorophenyl) - (3, 5 - diffluorophenyl) - (3, 5 - diffluorophenyl) - (3, 5 - diffluorophenyl) - (3, 5 - diffluorophenyl) - (3, 5 - diffluorophenyl) - (3, 5 - diffluorophenyl) - (3, 5 - diffluorophenyl) - (3, 5 - diffluorophenyl) - (3, 5 - diffluorophenyl) - (3, 5 - diffluorophenyl) - (3, 5 - diffluorophenyl) - (3, 5 - diffluorophenyl) - (3, 5 - diffluorophenyl) - (3, 5 - diffluorophenyl) - (3, 5 - diffluorophenyl) - (3, 5 - diffluorophenyl) - (3, 5 - diffluorophenyl) - (3, 5 - diffluorophenyl) - (3, 5 - diffluorophenyl) - (3, 5 - diffluorophenyl) - (3, 5 - diffluorophenyl) - (3, 5 - diffluorophenyl) - (3, 5 - diffluorophenyl) - (3, 5 - diffluorophenyl) - (3, 5 - diffluorophenyl) - (3, 5 - diffluorophenyl) - (3, 5 - diffluorophenyl) - (3, 5 - diffluorophenyl) - (3, 5 - diffluorophenyl) - (3, 5 - diffluorophenyl) - (3, 5 - diffluorophenyl) - (3, 5 - diffluorophenyl) - (3, 5 - diffluorophenyl) - (3, 5 - diffluorophenyl) - (3, 5 - diffluorophenyl) - (3, 5 - diffluorophenyl) - (3, 5 - diffluorophenyl) - (3, 5 - diffluorophenyl) - (3, 5 - diffluorop
ethylbenzyl) amino] methyl \} propyl N-(2,2-dimethylpropanoyl)-3-
  [(1-propylbutyl)sulfonyl]-D-alaninate
                                         (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - \{ [(3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (
ethylbenzyl)amino]methyl}propyl
                                                                                                                                                                                                                                                                                                                                  N-isobutyryl-3-[(1-
propylbutyl) sulfonyl] -D-alaninate
                                        (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl
                                                                                                                                                                                                                                                                                                                                                          N-butyryl-3-[(1-
propylbutyl) sulfonyl] -D-alaninate
                                          (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - \{ [(3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5
ethylbenzyl)amino]methyl}propyl
                                                                                                                                                                                                                                                                                                                                                                 N-acetyl-3-[(1-
propylbutyl) sulfonyl] -D-alaninate
                                         (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-(\{[1-(3-
ethylphenyl)cyclopropyl]amino}methyl)propyl
                                                                                                                                                                                                                                                                                                                                                                                                                                        3-[(1-
propylbutyl) sulfonyl] -N- (pyridin-3-ylcarbonyl) -D-alaninate
                                         ethylphenyl)cyclopropyl]amino}methyl)propyl N-isonicotinoyl-
3-[(1-propylbutyl)sulfonyl]-D-alaninate
                                         (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-(\{[1-(3-
ethylphenyl)cyclopropyl]amino}methyl)propyl
                                                                                                                                                                                                                                                                                                                                                                                                                                               N-(3-
hydroxybenzoyl)-3-[(1-propylbutyl)sulfonyl]-D-alaninate
                                         (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
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ethylbenzyl)amino]methyl}propyl 3-[(1-propylbutyl)sulfonyl]-
N-(pyridin-3-ylcarbonyl)-D-alaninate
                    (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
ethylbenzyl)amino]methyl}propyl N-(3-hydroxybenzoyl)-3-[(1-
propylbutyl)sulfonyl]-D-alaninate
                    (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
ethylbenzyl)amino]methyl}propyl N-(cyclopropylcarbonyl)-3-
 [(1-propylbutyl)sulfonyl]-D-alaninate
                    (1R, 2S) - 2 - \text{amino} - 3 - (3, 5 - \text{difluorophenyl}) - 1 - \{ [(3 - 3) - 2 - \text{amino} - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3, 5 - \text{difluorophenyl}) - 3 - (3
                                                                                                                                                                  N-propionyl-3-[(1-
ethylbenzyl)amino]methyl}propyl
propylbutyl) sulfonyl] - D-alaninate
                    (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl
                                                                                                                                                       3-(butylsulfonyl)-N-
 (pyridin-3-ylcarbonyl) alaninate
                     (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-({ [1-(3-
                                                                                                                                                                                                                     N - (3 -
ethylphenyl)cyclopropyl]amino}methyl)propyl
hydroxybenzoyl)-3-[(1-propylbutyl)sulfonyl]alaninate
                     (1R, 2S) -2-amino-3-(3,5-difluorophenyl) -1-({[1-(3-
ethylphenyl)cyclopropyl]amino}methyl)propyl N-isonicotinoyl-
 3-[(1-propylbutyl)sulfonyl]alaninate
                     (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
                                                                                                                                                               N-[(6-0x0-1,4,5,6-
 ethylbenzyl)amino]methyl}propyl
 tetrahydropyridazin-3-yl)carbonyl]-3-[(1-
propylbutyl) sulfonyl] alaninate
                     (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
 ethylbenzyl)amino]methyl}propyl
                                                                                                                                                       5-oxo-D-prolyl-3-[(1-
 propylbutyl)sulfonyl]alaninate hydrochloride
                     (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - \{ [ (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3
                                                                                                                                                       5-oxo-L-prolyl-3-[(1-
 ethylbenzyl)amino]methyl}propyl
 propylbutyl) sulfonyl]alaninate
                      (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-{[(3-
                                                                                                                                   N-[3-(4-oxo-2-thioxo-1,3-
 ethylbenzyl)amino]methyl}propyl
 thiazolidin-3-yl)propanoyl]-3-[(1-
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propylbutyl) sulfonyl] alaninate
              (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
  ethylbenzyl)amino]methyl}propyl
                                                                               N-(piperidin-4-ylcarbonyl)-
  3-[(1-propylbutyl)sulfonyl]alaninate
              (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluo
  ethylbenzyl)amino]methyl}propyl
                                                                                             N-[(2,4-dimethyl-1,3-
 thiazol-5-yl)carbonyl]-3-[(1-propylbutyl)sulfonyl]alaninate
             (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
 ethylbenzyl)amino]methyl}propyl
                                                                                                           N-\{[2-methyl-4-
  (trifluoromethyl)-1,3-thiazol-5-yl]carbonyl}-3-[(1-
 propylbutyl) sulfonyl] alaninate
             (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
 ethylbenzyl)amino]methyl}propyl
                                                                            N-[(3,5-dimethylisoxazol-4-
 yl)carbonyl]-3-[(1-propylbutyl)sulfonyl]alaninate
             (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl N-[(3-methyl-1H-pyrazol-5-
yl)carbonyl]-3-[(1-propylbutyl)sulfonyl]alaninate
             (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl 3-[(1-propylbutyl)sulfonyl]-
N-(1H-pyrazol-4-ylcarbonyl)alaninate
            (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
ethylbenzyl)amino]methyl}propyl
                                                                                                     N-(1H-imidazol-5-
ylcarbonyl)-3-[(1-propylbutyl)sulfonyl]alaninate
            (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl
                                                                           N-(1H-imidazol-4-ylacetyl)-
3-[(1-propylbutyl)sulfonyl]alaninate
            (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl 3-[(1-propylbutyl)sulfonyl]-
N- (pyrazin-2-ylcarbonyl) alaninate
            (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
ethylbenzyl)amino]methyl}propyl
                                                                                                                             N-(2,6-
dihydroxyisonicotinoyl)-3-[(1-propylbutyl)sulfonyl]alaninate
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(1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - \{ [(3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - diflu
                                                                                                                                                                                       N-[(6-hydroxypyridin-3-
ethylbenzyl)amino]methyl}propyl
yl)carbonyl]-3-[(1-propylbutyl)sulfonyl]alaninate
                          (1R, 2S) -2-amino-3-(3, 5-difluorophenyl) -1-\{[(3-
ethylbenzyl)amino]methyl}propyl
                                                                                                                                                                                            N-[(6-chloropyridin-3-
yl)carbonyl]-3-[(1-propylbutyl)sulfonyl]alaninate
                          (1R, 2S) -2-amino-3-(3,5-difluorophenyl) -1-{[(3-
                                                                                                                                                                                            N-isonicotinoy1-3-[(1-
 ethylbenzyl)amino]methyl}propyl
propylbutyl) sulfonyl] alaninate
                          (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
 ethylbenzyl)amino]methyl}propyl 3-[(1-propylbutyl)sulfonyl]-
 N-(pyridin-3-ylcarbonyl)alaninate
                           (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluo
 ethylbenzyl)amino]methyl}propyl 3-[(1-propylbutyl)sulfonyl]-
 N-(pyridin-2-ylcarbonyl)alaninate
                           (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
 ethylbenzyl)amino]methyl}propyl N-(1H-indol-6-ylcarbonyl)-3-
  [(1-propylbutyl)sulfonyl]alaninate hydrochloride
                           (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
 ethylbenzyl)amino]methyl}propyl 3-[(1-propylbutyl)sulfonyl]
 N-(3,4,5-trimethoxybenzoyl)alaninate
                            (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - \{ [(3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - diflu
                                                                                                                                                                          N-(2-methylbenzoyl)-3-[(1-methylbenzoyl)]
  ethylbenzyl)amino]methyl}propyl
  propylbutyl) sulfonyl] alaninate
                            (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-\{[(3-
                                                                                                                                                                     N-(3-hydroxybenzoyl)-3-[(1-
  ethylbenzyl)amino]methyl}propyl
  propylbutyl)sulfonyl]alaninate
                            (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
                                                                                                                                                                          N-(3-methylbenzoyl)-3-[(1-
  ethylbenzyl)amino]methyl}propyl
  propylbutyl) sulfonyl] alaninate
                             (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
                                                                                                                                                                                N-(3-ethylbenzoyl)-3-[(1-
  ethylbenzyl)amino]methyl}propyl
  propylbutyl) sulfonyl] alaninate
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(1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
  ethylbenzyl)amino]methyl}propyl
                                                                                  N-(3-chlorobenzoyl)-3-[(1-
 propylbutyl) sulfonyl] alaninate
              (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
 ethylbenzyl)amino]methyl}propyl 3-[(1-propylbutyl)sulfonyl]-
 N-[4-(trifluoromethyl)benzoyl]alaninate
          (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
 ethylbenzyl)amino]methyl}propyl N-(4-methoxybenzoyl)-3-[(1-
 propylbutyl) sulfonyl] alaninate
              (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
 ethylbenzyl)amino]methyl}propyl 3-[(1-propylbutyl)sulfonyl]-
 N-[4-(trifluoromethyl)benzoyl]alaninate
             (1R, 2S) -2-amino-3-(3, 5-difluorophenyl) -1-\{[(3-
 ethylbenzyl)amino]methyl}propyl
                                                                                   N-(cyclohexylcarbonyl)-3-
 [(1-propylbutyl)sulfonyl]alaninate
             (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
 ethylbenzyl)amino]methyl}propyl
                                                                                                           N-benzoyl-3-[(1-
propylbutyl) sulfonyl] alaninate
             (1R, 2S) -2-amino-1-[(cyclopropylamino)methyl]-3-(3,5-
difluorophenyl)propyl
                                                                                                          N-benzoyl-3-[(1-
propylbutyl) sulfonyl] alaninate
             (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl
                                                                                        N-(phenylacetyl)-3-[(1-
propylbutyl) sulfonyl] alaninate
             (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - {[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - {[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - {[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - {[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - {[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - {[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - {[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - {[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - {[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - {[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - {[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - {[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - {[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - {[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - {[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - {[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - {[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - {[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - {[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - {[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - {[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - {[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - {[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - {[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - {[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - {[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - {[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - {[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - {[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - {[(3 - amino - 3 - (3, 5 - difluorophenyl)] - [(3 - amino - 3 - (3, 5 - difluorophenyl)] - [(3 - amino - 3 - (3, 5 - difluorophenyl)] - [(3 - amino - 3 - (3, 5 - difluorophenyl)] - [(3 - amino - 3 - (3, 5 - difluorophenyl)] - [(3 - amino - 3 - (3, 5 - difluorophenyl)] - [(3 - amino - 3 - (3, 5 - difluorophenyl)] - [(3 - amino - 3 - (3, 5 - difluorophenyl)] - [(3 - amino - 3 - (3, 5 - difluorophenyl)] - [(3 - amino - 3 - (3, 5 - difluorophenyl)] - [(3 - amino - 3 - (3, 5 - difluorophenyl)] - [(3 - amino - 3 - (3, 5 - difluorophenyl)
ethylbenzyl)amino]methyl}propyl N-(3-phenylpropanoyl)-3-[(1-
propylbutyl) sulfonyl] alaninate
             (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl
                                                                                       3-(benzoylamino)-2-{[(1-
propylbutyl) sulfonyl] methyl } propanoate
            (1R, 2S) -2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-
phenylpropyl
                                                                             N-(cyclopropylacetyl)-3-[(1-
propylbutyl) sulfonyl] alaninate
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(1R, 2S) -2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-
                            N-[(methylsulfonyl)acetyl]-3-[(1-
phenylpropyl
propylbutyl)sulfonyl]alaninate
     (1R, 2S) -2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-
                                N-[(methylthio)acetyl]-3-[(1-
phenylpropyl
propylbutyl)sulfonyl]alaninate
     (1R, 2S) -2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-
                     N-[4-(methylamino)-4-oxobutanoyl]-3-[(1-
phenylpropyl
propylbutyl) sulfonyl] alaninate
     (1R, 2S) -2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-
                              N-(methylsulfonyl)glycyl-3-[(1-
phenylpropyl
propylbutyl)sulfonyl]alaninate
     (1R, 2S) -2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-
phenylpropyl N-acetyl-3-(phenylsulfonyl)alaninate
     (1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-
phenylpropyl (2S)-2-[(4-methoxy-4-oxobutanoyl)amino]-5-oxo-
5-piperidin-1-ylpentanoate
     (1R, 2S) -2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-
                 (2R) -2-{[(benzyloxy) carbonyl]amino}-5-oxo-5-
phenylpropyl
piperidin-1-ylpentanoate
      (1R, 2S) -2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-
              (2R) -2-[(3-ethoxy-3-oxopropanoyl)amino]-5-oxo-
phenylpropyl
5-piperidin-1-ylpentanoate
      (1R, 2S) -2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-
                N^2-(4-methoxy-4-oxobutanoyl)-N^5, N^5-dipropyl-D-
phenylpropyl
glutaminate
      (1R, 2S) -2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-
              (2R) -2-[(4-methoxy-4-oxobutanoyl)amino]-5-oxo-
phenylpropyl
5-piperidin-1-ylpentanoate
      (1R, 2S) -2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-
phenylpropyl (2R)-2-[(5-methoxy-5-oxopentanoyl)amino]-5-oxo-
5-piperidin-1-ylpentanoate
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(1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - \{ [(3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - diflu
  ethylbenzyl)amino]methyl}propyl
                                                                                                                        2-(acetyloxy)-3-
   (butylsulfonyl)propanoate
               (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
 ethylbenzyl)amino]methyl}propyl S-butyl-D-cysteinate
               (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
 ethylbenzyl)amino]methyl}propyl
                                                                                                             3-(butylsulfinyl)-D-
 alaninate
               (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
 ethylbenzyl) amino] methyl propyl
                                                                                                             3-(butylsulfonyl)-D-
 alaninate
               (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
 ethylbenzyl) amino] methyl propyl
                                                                                                             3-(butylsulfonyl)-L-
 alaninate
               (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
 methylbutyl) amino] methyl propyl
                                                                                                            3-(butylsulfonyl)-D-
 alaninate
              (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-(\{[1-(3-
 ethylphenyl)cyclopropyl]amino}methyl)propyl
                                                                                                                                                  3-[(1-
 propylbutyl) sulfonyl] -D-alaninate
              (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl 3-[(1-propylbutyl)sulfonyl]-
L-alaninate
              (1R, 2S) -2-amino-1-[(cyclopropylamino)methyl]-3-(3,5-
difluorophenyl)propyl
                                                                                 3-[(1-propylbutyl)sulfonyl]-D-
alaninate
              (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
methylbutyl)amino]methyl}propyl 3-[(1-propylbutyl)sulfonyl]-
D-alaninate
              (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl 3-[(1-propylbutyl)sulfonyl]-
D-alaninate
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(1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
                                                                                                                                                                                                              3 - [(1 -
ethylbenzyl)amino]methyl}propyl
propylbutyl) sulfonyl] alaninate
                    (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl
                                                                                                                                          N-(phenoxyacetyl)-3-[(1-
propylbutyl) sulfonyl] alaninate
                    (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
                                                                                                                                                                        N-{[(5-chloro-2-
 ethylbenzyl)amino]methyl}propyl
 thienyl)thio]peroxy}-3-[(1-propylbutyl)sulfonyl]alaninate
                    (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - \{ [(3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - diflu
                                                                                                                                      N-(phenylsulfonyl)-3-[(1-
 ethylbenzyl)amino]methyl}propyl
 propylbutyl) sulfonyl] alaninate
                     (1R, 2S) - 3 - (3, 5 - difluorophenyl) - 1 - \{ [ (3 - 3) - 3 - (3, 5) - 3 - (3, 5) - 3 - (3, 5) - 3 - (3, 5) - 3 - (3, 5) - 3 - (3, 5) - 3 - (3, 5) - 3 - (3, 5) - 3 - (3, 5) - 3 - (3, 5) - 3 - (3, 5) - 3 - (3, 5) - 3 - (3, 5) - 3 - (3, 5) - 3 - (3, 5) - 3 - (3, 5) - 3 - (3, 5) - 3 - (3, 5) - 3 - (3, 5) - 3 - (3, 5) - 3 - (3, 5) - 3 - (3, 5) - 3 - (3, 5) - 3 - (3, 5) - 3 - (3, 5) - 3 - (3, 5) - 3 - (3, 5) - 3 - (3, 5) - 3 - (3, 5) - 3 - (3, 5) - 3 - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) - (3, 5) 
 ethylbenzyl)amino]methyl}-2-(methylamino)propyl
  [(benzylamino) carbonyl]-3-[(1-propylbutyl) sulfonyl]alaninate
                    4-{[(1R,2S)-3-(3,5-difluorophenyl)-1-{[(3-
 ethylbenzyl)amino]methyl}-2-(methylamino)propyl]oxy}-4-oxo-
  3-{[(1-propylbutyl)sulfonyl]methyl}butanoic acid
                    4-[((1R,2S)-2-amino-1-{[(3-methoxybenzyl)amino]methyl}-
 3-phenylpropyl)oxy]-3-{[(3-methylbutyl)sulfonyl]methyl}-4-
 oxobutanoic acid
                    1-((1R,2S)-2-amino-1-\{[(3-methoxybenzyl)amino]methyl\}-
                                                                                                                                                                                                          2-{[(3-
                                                                                                                   4-methyl
  3-phenylpropyl)
  methylbutyl) sulfonyl] methyl } succinate
                      (1R, 2S) -2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-
                                                         4-amino-2-{[(3-methylbutyl)sulfonyl]methyl}-4-
  phenylpropyl
  oxobutanoate
                      (1R, 2S) -2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-
                                                                                                                                               4-(methylamino)-2-{[(3-
  phenylpropyl
  methylbutyl)sulfonyl]methyl}-4-oxobutanoate
                      (1R, 2S) -2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-
                                                                                                                                       4-(dimethylamino)-2-{[(3-
  phenylpropyl
  methylbutyl)sulfonyl]methyl}-4-oxobutanoate
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(1R, 2S) - 2-amino-3-(3,5-difluorophenyl) -1-{[(3-
  ethylbenzyl)amino]methyl}propyl
                                                                                                    3-(4,4-dimethyl-2,5-
  dioxoimidazolidin-1-yl)-2-{[(1-
 propylbutyl) sulfonyl] methyl } propanoate
               (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - \{ [(3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - diflu
 ethylbenzyl)amino]methyl}propyl
                                                                                                    3-(4,4-dimethyl-2,5-
 dioxoimidazolidin-1-yl)-2-{[(1-
 propylbutyl)sulfonyl]methyl}propanoate
              (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
 ethylbenzyl)amino]methyl}propyl
                                                                                                   3-(4,4-dimethyl-2,5-
 dioxoimidazolidin-1-yl)-2-{[(1-
 propylbutyl) sulfonyl] methyl propanoate
              (1R, 2R) -2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-
 phenylpropyl
                                                                                                   3-(ethylsulfonyl)-2-
 {[(isobutylsulfonyl)amino]methyl}propanoate
              (1R, 2S) -2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-
phenylpropyl
                                                                                                             3-(ethylthio)-2-
 {[(isobutylsulfonyl)amino]methyl}propanoate
             (1R, 2S) -2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-
                                              (2S) - 2 - \{ [(3-\text{methylbutyl}) \text{ sulfonyl}] \text{ amino} \} - 4 -
phenylpropyl
 (methylsulfonyl) butanoate
             (1R, 2S) -2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-
phenylpropyl N-[(3-methylbutyl)sulfonyl]-L-methioninate
             (1R, 2S) -2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-
phenylpropyl
                                                                                             3-(acetylthio)-2-{[(3-
methylbutyl)sulfonyl]methyl}propanoate
             (1R, 2S) -2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-
phenylpropyl 2-hydroxy-3-[(1-propylbutyl)sulfonyl]propanoate
             (1R, 2S) -2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-
phenylpropyl 2-hydroxy-3-[(3-methylbutyl)sulfonyl]propanoate
             (1R, 2S) -2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-
phenylpropyl
                                                                                                           2-hydroxy-3-[(3-
methoxyphenyl)sulfonyl]propanoate
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(1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
                                                                                                                 2-hydroxy-4-
ethylbenzyl)amino]methyl}propyl
(phenylsulfonyl) butanoate
            (1R, 2S) -2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-
phenylpropyl 2-hydroxy-4-[(3-methylbutyl)sulfonyl]butanoate
            (1R, 2S) -2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-
phenylpropyl 4-[(3-methylbutyl)sulfonyl]-2-phenoxybutanoate
            (1R, 2S) -2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-
                                                                              2-(3-methoxyphenoxy)-4-[(3-
phenylpropyl
methylbutyl) sulfonyl] butanoate
           3-\{1-\{[((1R,2S)-2-amino-1-\{[(3-amino-1-\{[(3-amino-1-\{[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3-amino-1-1-[(3
methoxybenzyl)amino]methyl}-3-phenylpropyl)oxy]carbonyl}-3-
[(3-methylbutyl)sulfonyl]propoxy}benzoic acid
                                                                    3 - \{1 - \{[((1R, 2S) - 2 - amino - 1 - \{[(3 -
           methyl
methoxybenzyl)amino]methyl}-3-phenylpropyl)oxy]carbonyl}-3-
 [(3-methylbutyl)sulfonyl]propoxy}benzoate
            (1R, 2S) -2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-
phenylpropyl 2-hydroxy-4-(phenylsulfonyl)butanoate
            (1R, 2S) -2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-
phenylpropyl 2-hydroxy-4-(phenylthio)butanoate
            (1R, 2S) -2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-
phenylpropyl 2-methoxy-4-(phenylsulfonyl)butanoate
            (1R, 2S) -2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-
phenylpropyl 2-methoxy-4-(phenylthio)butanoate
             (1R, 2S) -2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-
phenylpropyl 4-(phenylsulfonyl)-2-propoxybutanoate
             (1R, 2S) -2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-
phenylpropyl 2-(benzyloxy)-4-(phenylsulfonyl)butanoate
             (1R, 2S) -2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-
phenylpropyl N-[(benzyloxy)carbonyl]methioninate
             (1R, 2S) -2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-
 phenylpropyl (2S)-2-amino-5-oxo-5-piperidin-1-ylpentanoate
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(1R, 2S) -2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-
                                                                                                                                 (2S) - 2 - [(2-methoxy - 2-oxoethyl) amino] - 5-oxo - 5 -
 phenylpropyl
 piperidin-1-ylpentanoate
                                            (1R, 2S) -2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-
 phenylpropyl (2R)-2-amino-5-oxo-5-piperidin-1-ylpentanoate
                                            (1R, 2S) -2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-
 phenylpropyl
                                                                                                                                        (2R) - 2 - [(2-ethoxy - 2-oxoethyl) amino] - 5-oxo - 5-
 piperidin-1-ylpentanoate
                                            (1R, 2S) -2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-
phenylpropyl
                                                                                                                                        (2R) - 2 - [(4 - \text{ethoxy} - 4 - \text{oxobutyl}) \text{ amino}] - 5 - \text{oxo} - 5 -
piperidin-1-ylpentanoate
                                           (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - \{ [(3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - diflu
 ethylbenzyl)amino]methyl}propyl
                                                                                                                                                                                                                                                                                                                                                                                                                                                      (2R) - 2 -
  [(methoxycarbonyl)amino]-4-oxooctanoate
                                           (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - \{ [(3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino 
ethylbenzyl)amino]methyl}propyl 4-butyl-N-(methoxycarbonyl)-
D-homoserinate
                                          (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl
                                                                                                                                                                                                                                                                                         3-(2-butyl-1,3-dioxolan-2-
yl) - N- (methoxycarbonyl) - D-alaninate
                                          (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - \{ [(3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3, 5 - difluorophenyl) - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - amino - 3 - (3 - amino - 3 - amino - 3 - (3 - amino - 3 - amino - 3 - (3 - amino - 3 - amino - 3 - a
ethylbenzyl)amino]methyl}propyl 3-(2-butyl-1,3-dioxan-2-yl)-
N-(methoxycarbonyl)-D-alaninate
                                          (1R, 2S) - 2 - amino - 3 - (3, 5 - diffluorophenyl) - 1 - \{ [(3 - amino - 3 - (3, 5 - diffluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - diffluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - diffluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - diffluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - diffluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - diffluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - diffluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - diffluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - diffluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - diffluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - diffluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - diffluorophenyl) - 1 - (3 - amino - 3 - (3, 5 - diffluorophenyl) - 1 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 - (3 - amino - 3 -
ethylbenzyl)amino]methyl}propyl
                                                                                                                                                                                                                                                                                                                                          (2R)-4,4-difluoro-2-
  [(methoxycarbonyl)amino]octanoate
                                          (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - \{ [(3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - diflu
ethylbenzyl)amino]methyl}propyl
                                                                                                                                                                                                                                                                                                                                                                          (2R)-4-fluoro-2-
 [(methoxycarbonyl)amino]octanoate
                                         (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl
                                                                                                                                                                                                                                                                                                                                                                                                                                                     (2R) - 2 -
 [(methoxycarbonyl)amino]-5-oxononanoate
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(1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - \{ [(3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5
                                                                                                                                                                                                                      (2R) -5-hydroxy-2-
ethylbenzyl)amino]methyl}propyl
 [(methoxycarbonyl)amino]nonanoate
                         (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
                                                                                                                                                                                                       (2R) - 4 - (2 - butyl - 1, 3 -
ethylbenzyl)amino]methyl}propyl
dioxolan-2-yl)-2-[(methoxycarbonyl)amino]butanoate
                         (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluo
ethylbenzyl)amino]methyl}propyl (2R)-4-(2-butyl-1,3-dioxan-
2-yl)-2-[(methoxycarbonyl)amino]butanoate
                         (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
                                                                                                                                                                                                                           (2R)-5-fluoro-2-
ethylbenzyl)amino]methyl}propyl
 [(methoxycarbonyl)amino]nonanoate
                         (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
                                                                                                                                                                                                   (2R)-5,5-difluoro-2-
ethylbenzyl)amino]methyl}propyl
  [(methoxycarbonyl)amino]nonanoate
                         (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
 ethynylbenzyl)amino]methyl}propyl
                                                                                                                                                                                                       3-(butylsulfonyl)-N-
  (methoxycarbonyl) -D-alaninate
                          (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-({[3-
  (trifluoromethyl)benzyl]amino}methyl)propyl
                                                                                                                                                                                                                                                                                                3 -
  (butylsulfonyl) - N- (methoxycarbonyl) - D-alaninate
                          (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - ({[1 - (3 - 3)]}) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 3 - (3, 5 - difluorophenyl) - 3 - (4, 5 - difluorophenyl) - 3 - (4, 5 - difluorophenyl) - 3 - (4, 5 - difluorophenyl) - 3 - (4, 5 - difluorophenyl) - 3 - (4, 5 - difluorophenyl) - 3 - (4, 5 - difluorophenyl) - 3 - (4, 5 - difluorophenyl) - 3 - (4, 5 - difluorophenyl) - 3 - (4, 5 - difluorophenyl) - 3 - (4, 5 - difluorophenyl) - 3 - (4, 5 - difluorophenyl) - 3 - (4, 5 - difluorophenyl) - 3 - (4, 5 - difluorophenyl) - 3 - (4, 5 - difluorophenyl) - 3 - (4, 5 - difluorophenyl) - 3 - (4, 5 - difluorophenyl) - 3 - (4, 5 - difluorophenyl) - 3 - (4, 5 - difluorophenyl) - 3 - (4, 5 - difluorophenyl) - 3 - (4, 5 - difluorophenyl) - 3 - (4, 5 - difluorophenyl) - 3 - (4, 5 - difluorophenyl) - 3 - (4, 5 - difluorophenyl) - 3 - (4, 5 - difluorophenyl) - 3 - (4, 5 - difluorophenyl) - 3 - (4, 5 - difluorophenyl) - 3 - (4, 5 - difluorophenyl) - 3 - (4, 5 - difluorophenyl) - 3 - (4, 5 - difluorophenyl) - 3 - (4, 5 - difluorophenyl) - 3 - (4, 5 - difluorophenyl) - 3 - (4, 5 - difluorophenyl) - 3 - (4, 5 - difluorophenyl) - 3 - (4, 5 - difluorophenyl) - 3 - (4, 5 - difluorophenyl) - 3 - (4, 5 - difluorophenyl) - 3 - (4, 5 - difluorophenyl) - 3 - (4, 5 - difluorophenyl) - 3 - (4, 5 - difluorophenyl) - 3 - (4, 5 - difluorophenyl) - 3 - (4, 5 - difluorophenyl) - 3 - (4, 5 - difluorophenyl) - 3 - (4, 5 - difluorophenyl) - 3 - (4, 5 - difluorophenyl) - 3 - (4, 5 - difluorophenyl) - 3 - (4, 5 - difluorophenyl) - 3 - (4, 5 - difluorophenyl) - 3 - (4, 5 - difluorophenyl) - 3 - (4, 5 - difluorophenyl) - 3 - (4, 5 - difluorophenyl) - 3 - (4, 5 - difluorophenyl) - 3 - (4, 5 - difluorophenyl) - 3 - (4, 5 - difluorophenyl) - 3 - (4, 5 - difluorophenyl) - 3 - (4, 5 - difluorophenyl) - 3 - (4, 5 - difluorophenyl) - 3 - (4, 5 - difluorophenyl) - 3 - (4, 5 - difluorophenyl) - 3 - (4, 5 - difluorophenyl) - 3 - (4, 5 - difluorophenyl) - 3 - (4, 5 - difluorophenyl) - 3 - (4, 5 - difluorophenyl) - 3 - (4, 5 - difluorophenyl) - 3 - (
  ethylphenyl)cyclopropyl]amino}methyl)propyl
                                                                                                                                                                                                                                                                                                3 -
   (butylsulfonyl) - N- (methoxycarbonyl) - D-alaninate
                           (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-({[1-(3-
  ethynylphenyl)cyclopropyl]amino}methyl)propyl
                                                                                                                                                                                                                                                                                                 3 -
   (butylsulfonyl) -N- (methoxycarbonyl) -D-alaninate
                           (trifluoromethyl)phenyl]cyclopropyl}amino)methyl]propyl
                                                                                                                                                                                                                                                                                                 3-
   (butylsulfonyl) - N- (methoxycarbonyl) - D-alaninate
                           (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
  ethynylbenzyl)amino]methyl}propyl 3-(butylsulfonyl)-N-[(3-
  methyl-1H-pyrazol-5-yl)carbonyl]-D-alaninate
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(1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-({[3-
  (trifluoromethyl)benzyl]amino\methyl)propyl
                                                                                                                                             3 -
  alaninate
             ethylphenyl)cyclopropyl]amino}methyl)propyl
                                                                                                                                             3 -
  (butylsulfonyl)-N-[(3-methyl-1H-pyrazol-5-yl)carbonyl]-D-
 alaninate
             (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-(\{[1-(3-
 ethynylphenyl)cyclopropyl]amino}methyl)propyl
                                                                                                                                             3 -
 (butylsulfonyl)-N-[(3-methyl-1H-pyrazol-5-yl)carbonyl]-D-
 alaninate
             (1R, 2S) -2-amino-3-(3, 5-difluorophenyl) -1-[({1-[3-
 (trifluoromethyl)phenyl]cyclopropyl}amino)methyl]propyl
                                                                                                                                            3 -
 (butylsulfonyl)-N-[(3-methyl-1H-pyrazol-5-yl)carbonyl]-D-
alaninate
            (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl) - 1 - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluorophenyl) - (3, 5 - difluo
ethylbenzyl)amino]methyl}propyl
                                                                                                                                (2R) - 2 -
 {[(methylamino)carbonyl]amino}-4-oxooctanoate
            (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl
                                                                                                                        4-buty1-N-
 [(methylamino)carbonyl]-D-homoserinate
            (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl
                                                                                 3-(2-butyl-1,3-dioxolan-2-
yl) -N-[(methylamino)carbonyl]-D-alaninate
            (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl 3-(2-butyl-1,3-dioxan-2-yl).
N-[(methylamino)carbonyl]-D-alaninate
            (1R, 2S) -2-amino-3-(3, 5-difluorophenyl) -1-\{[(3-
ethylbenzyl)amino]methyl}propyl
                                                                                                (2R)-4,4-difluoro-2-
{[(methylamino)carbonyl]amino}octanoate
        (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl
                                                                                                         (2R)-4-fluoro-2-
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{ [(methylamino)carbonyl]amino}octanoate
     (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
                                                         (2R) - 2 -
ethylbenzyl)amino]methyl}propyl
{[(methylamino)carbonyl]amino}-5-oxononanoate
     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl
                                              (2R) -5-hydroxy-2-
{[(methylamino)carbonyl]amino}nonanoate
     (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
                                           (2R) - 4 - (2 - butyl - 1, 3 -
ethylbenzyl)amino]methyl}propyl
dioxolan-2-yl)-2-{[(methylamino)carbonyl]amino}butanoate
     (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-{[(3-
ethylbenzyl)amino]methyl}propyl (2R)-4-(2-butyl-1,3-dioxan-
2-yl)-2-{[(methylamino)carbonyl]amino}butanoate
     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-{[(3-
ethylbenzyl)amino]methyl}propyl
                                               (2R) -5-fluoro-2-
{ [(methylamino)carbonyl]amino}nonanoate
     (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-{ [(3-
                                           (2R)-5,5-difluoro-2-
ethylbenzyl)amino]methyl}propyl
{ [(methylamino) carbonyl] amino} nonanoate
     (1R,2S)-2-amino-3-(3,5-difluorophenyl)-1-{[(3-
ethynylbenzyl)amino]methyl}propyl
                                          3-(butylsulfonyl)-N-
[(methylamino)carbonyl]-D-alaninate
     (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-({[3-
                                                              3 -
(trifluoromethyl)benzyl]amino}methyl)propyl
(butylsulfonyl) - N- [(methylamino) carbonyl] - D-alaninate
     (1R, 2S) -2-amino-3-(3,5-difluorophenyl)-1-({[1-(3-
ethylphenyl)cyclopropyl]amino}methyl)propyl
                                                              3~
(butylsulfonyl) - N- [(methylamino) carbonyl] - D-alaninate
     (1R,2S) -2-amino-3-(3,5-difluorophenyl)-1-(\{[1-(3-
ethynylphenyl)cyclopropyl]amino}methyl)propyl
                                                              3 -
(butylsulfonyl) - N- [(methylamino)carbonyl] - D-alaninate
   (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-[(\{1-[3-
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```
(trifluoromethyl)phenyl]cyclopropyl}amino)methyl]propyl
   (butylsulfonyl) - N- [(methylamino)carbonyl]-D-alaninate
               (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
  ethynylbenzyl)amino]methyl}propyl 3-(butylsulfonyl)-N-[(4-
  methyl-1H-pyrazol-1-yl)carbonyl]-D-alaninate
              (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-(\{[3-
   (trifluoromethyl)benzyl]amino}methyl)propyl
                                                                                                                                               3 -
  (butylsulfonyl) - N-[(4-methyl-1H-pyrazol-1-yl)carbonyl] - D-
  alaninate
              (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-(\{[1-(3-
  ethylphenyl)cyclopropyl]amino}methyl)propyl
                                                                                                                                              3 -
  alaninate
              (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-(\{[1-(3-
 ethynylphenyl)cyclopropyl]amino}methyl)propyl
                                                                                                                                              3 -
 (butylsulfonyl) -N-[(4-methyl-1H-pyrazol-1-yl)carbonyl]-D-
 alaninate
             (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-[({1-[3-
 (trifluoromethyl)phenyl]cyclopropyl}amino)methyl]propyl
 (butylsulfonyl) - N - [(4-methyl-1H-pyrazol-1-yl)carbonyl] - D - [(4-methyl-1H-pyrazol-1-yl)carbonyl] - D - [(4-methyl-1H-pyrazol-1-yl)carbonyl] - D - [(4-methyl-1H-pyrazol-1-yl)carbonyl] - D - [(4-methyl-1H-pyrazol-1-yl)carbonyl] - D - [(4-methyl-1H-pyrazol-1-yl)carbonyl] - D - [(4-methyl-1H-pyrazol-1-yl)carbonyl] - D - [(4-methyl-1H-pyrazol-1-yl)carbonyl] - D - [(4-methyl-1H-pyrazol-1-yl)carbonyl] - D - [(4-methyl-1H-pyrazol-1-yl)carbonyl] - D - [(4-methyl-1H-pyrazol-1-yl)carbonyl] - D - [(4-methyl-1H-pyrazol-1-yl)carbonyl] - D - [(4-methyl-1H-pyrazol-1-yl)carbonyl] - D - [(4-methyl-1H-pyrazol-1-yl)carbonyl] - D - [(4-methyl-1H-pyrazol-1-yl)carbonyl] - D - [(4-methyl-1H-pyrazol-1-yl)carbonyl] - D - [(4-methyl-1H-pyrazol-1-yl)carbonyl] - D - [(4-methyl-1H-pyrazol-1-yl)carbonyl] - D - [(4-methyl-1H-pyrazol-1-yl)carbonyl] - D - [(4-methyl-1H-pyrazol-1-yl)carbonyl] - D - [(4-methyl-1H-pyrazol-1-yl)carbonyl] - D - [(4-methyl-1H-pyrazol-1-yl)carbonyl] - D - [(4-methyl-1H-pyrazol-1-yl)carbonyl] - D - [(4-methyl-1H-pyrazol-1-yl)carbonyl] - D - [(4-methyl-1H-pyrazol-1-yl)carbonyl] - D - [(4-methyl-1H-pyrazol-1-yl)carbonyl] - D - [(4-methyl-1H-pyrazol-1-yl)carbonyl] - D - [(4-methyl-1H-pyrazol-1-yl)carbonyl] - D - [(4-methyl-1H-pyrazol-1-yl)carbonyl] - D - [(4-methyl-1H-pyrazol-1-yl)carbonyl] - D - [(4-methyl-1H-pyrazol-1-yl)carbonyl] - D - [(4-methyl-1H-pyrazol-1-yl)carbonyl] - [(4-methyl-1H-pyrazol-1-yl)carbonyl] - D - [(4-methyl-1H-pyrazol-1-yl)carbonyl] - D - [(4-methyl-1H-pyrazol-1-yl)carbonyl] - [(4-methyl-1H-pyrazol-1-yl)carbonyl] - [(4-methyl-1H-pyrazol-1-yl)carbonyl] - [(4-methyl-1H-pyrazol-1-yl)carbonyl] - [(4-methyl-1H-pyrazol-1-yl)carbonyl] - [(4-methyl-1H-pyrazol-1-yl)carbonyl] - [(4-methyl-1H-pyrazol-1-yl)carbonyl] - [(4-methyl-1H-pyrazol-1-yl)carbonyl] - [(4-methyl-1H-pyrazol-1-yl)carbonyl] - [(4-methyl-1H-pyrazol-1-yl)carbonyl] - [(4-methyl-1H-pyrazol-1-yl)carbonyl] - [(4-methyl-1H-pyrazol-1-yl)carbonyl] - [(4-methyl-1H-pyrazol-1-yl)carbonyl] - [(4-methyl-1H-pyrazol-1-yl)carbonyl] - [(4-methyl-1H-pyra
 alaninate
            benzyl
                                                                [(1R)-1-\{[(2R,3S)-3-amino-4-(3,5-
 difluorophenyl)-2-hydroxybutyl](3-
 ethylbenzyl)amino]carbonyl}-3-
 (methylsulfonyl) propyl] carbamate
             (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl 3-[(1-propylbutyl)sulfonyl]-
N-[(tetrahydro-2H-pyran-4-yloxy)carbonyl]alaninate
            S-(3-[[(2R,3S)-3-amino-2-hydroxy-4-phenylbutyl](3-
methoxybenzyl)amino]-2-{[(3-methylbutyl)sulfonyl]methyl}-3-
oxopropyl) ethanethioate
           N-[(2R,3S)-3-amino-2-hydroxy-4-phenylbutyl]-N-(3-max)
methoxybenzyl)-2-(3-methoxyphenoxy)-4-[(3-
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methylbutyl) sulfonyl] butanamide
     N^{1}-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-3-(butylsulfonyl)-N^1-(3-ethylbenzyl)-N^2-(3,3,3-
trifluoropropanoyl)-D-alaninamide
     N^{1}-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
\label{eq:hydroxybutyl]-3-(butylsulfonyl)-N^1-(3-ethylbenzyl)-N^2-} \\
(trifluoroacetyl)-D-alaninamide
     N-[(2R,3S)-3-amino-2-hydroxy-4-phenylbutyl]-2-methoxy-
N-(3-methoxybenzyl)-4-(phenylthio)butanamide
     N^{1}-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
\label{eq:hydroxybutyl} \verb| -3-(butylsulfonyl) - N^2-(cyclopropylcarbonyl) - N^1-\\
(3-ethylbenzyl)-D-alaninamide
     \beta-alanyl-N^1-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-3-(butylsulfonyl)-N^1-(3-ethylbenzyl)-D-
alaninamide
     glycyl-N^1-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-3-(butylsulfonyl)-N^1-(3-ethylbenzyl)-D-
alaninamide
      (1R, 2S) -2-amino-1-{[(3-methoxybenzyl)amino]methyl}-3-
phenylpropyl (2R)-2-[(4-ethoxy-4-oxobutyl)amino]-5-oxo-5-
piperidin-1-ylpentanoate
     N, N-dimethyl-\beta-alanyl-N^1-[(2R, 3S)-3-amino-4-(3,5-
difluorophenyl) -2-hydroxybutyl] -3-(butylsulfonyl) -N^1-(3-
ethylbenzyl)-D-alaninamide
      N^{1}-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
\label{eq:hydroxybutyl]-3-(butylsulfonyl)-N^1-(3-ethylbenzyl)-N^2-\\
(methoxyacetyl) -D-alaninamide
      (1R, 2S) -2-amino-3-(3, 5-difluorophenyl)-1-\{[(3-
ethylbenzyl)amino]methyl}propyl 3-(2-butyl-1,3-dioxan-2-yl)-
N-(methoxycarbonyl)-D-alaninate
      N^2-acetyl-N^1-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-3-(butylsulfonyl)-N^1-(3-methylbutyl)-D-
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alaninamide
     N^{1}-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N^1-cyclopropyl-N^2-(cyclopropylcarbonyl) -3-[(1-
propylbutyl)sulfonyl]-D-alaninamide
     N^2-acetyl-N^1-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N^{1} - (3-methylbutyl) -3 - [(1-
propylbutyl)sulfonyl]-D-alaninamide
     N-phenylglycyl-N^1-[(2R, 3S)-3-amino-4-(3, 5-
difluorophenyl) -2-hydroxybutyl] -N^1-(3-ethylbenzyl) -3-[(1-
propylbutyl) sulfonyl] -D-alaninamide
     N-acetyl-\beta-alanyl-N^{1}-[(2R, 3S)-3-amino-4-(3,5-
difluorophenyl) -2-hydroxybutyl] -N^1-(3-ethylbenzyl) -3-[(1-
propylbutyl)sulfonyl]-D-alaninamide
     N^{1}-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N^2 - (chloroacetyl) -N^1 - (3-ethylbenzyl) -3 - [(1-
propylbutyl)sulfonyl]-D-alaninamide
     N^{1}-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N^1 - (3-ethylbenzyl) -N^2 - (methoxyacetyl) -3 - [(1-
propylbutyl) sulfonyl] -D-alaninamide
     N^{1}-[(2R, 3S)-3-amino-4-(3, 5-difluorophenyl)-2-
hydroxybutyl] -N^1 - (3-ethylbenzyl) -N^2 - (3-methoxypropanoyl) -3-
[(1-propylbutyl)sulfonyl]-D-alaninamide
     N^{1} - [(2R, 3S) - 3 - amino - 4 - (3, 5 - difluor ophenyl) - 2 -
hydroxybutyl] -N^2 - (2, 2-dimethylpropanoyl) -N^1 - (3-ethylbenzyl) -
3-[(1-propylbutyl)sulfonyl]-D-alaninamide
     N^{1}-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N^1 - (3-ethylbenzyl) -N^2 - isobutyryl - 3 - [(1-
propylbutyl)sulfonyl]-D-alaninamide
     N^2-acetyl-N^1-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N^1 - (3 -ethylbenzyl) -3 - [(1-
propylbutyl) sulfonyl] -D-alaninamide
     N^{1}-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
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```
hydroxybutyl]-N^2-(cyclopropylcarbonyl)-N^1-(3-ethylbenzyl)-3-
[(1-propylbutyl)sulfonyl]-D-alaninamide
           N^{1}-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N^1 - (3-ethylbenzyl) -N^2-propionyl - 3 - [(1-
propylbutyl) sulfonyl] -D-alaninamide
           5- \text{oxo-D-prolyl-}N^1-[(2R,3S)-3-\text{amino-}4-(3,5-
difluoropheny1) - 2 - hydroxybuty1] - N^1 - (3 - ethylbenzy1) - 3 - [(1 - ethylbenzy1)] - 3 - [(1 - ethylbenzy1)] - 3 - [(1 - ethylbenzy1)] - 3 - [(1 - ethylbenzy1)] - 3 - [(1 - ethylbenzy1)] - 3 - [(1 - ethylbenzy1)] - 3 - [(1 - ethylbenzy1)] - 3 - [(1 - ethylbenzy1)] - 3 - [(1 - ethylbenzy1)] - 3 - [(1 - ethylbenzy1)] - 3 - [(1 - ethylbenzy1)] - 3 - [(1 - ethylbenzy1)] - 3 - [(1 - ethylbenzy1)] - 3 - [(1 - ethylbenzy1)] - 3 - [(1 - ethylbenzy1)] - 3 - [(1 - ethylbenzy1)] - 3 - [(1 - ethylbenzy1)] - 3 - [(1 - ethylbenzy1)] - 3 - [(1 - ethylbenzy1)] - 3 - [(1 - ethylbenzy1)] - 3 - [(1 - ethylbenzy1)] - 3 - [(1 - ethylbenzy1)] - 3 - [(1 - ethylbenzy1)] - 3 - [(1 - ethylbenzy1)] - 3 - [(1 - ethylbenzy1)] - 3 - [(1 - ethylbenzy1)] - 3 - [(1 - ethylbenzy1)] - 3 - [(1 - ethylbenzy1)] - 3 - [(1 - ethylbenzy1)] - 3 - [(1 - ethylbenzy1)] - 3 - [(1 - ethylbenzy1)] - 3 - [(1 - ethylbenzy1)] - 3 - [(1 - ethylbenzy1)] - 3 - [(1 - ethylbenzy1)] - 3 - [(1 - ethylbenzy1)] - 3 - [(1 - ethylbenzy1)] - 3 - [(1 - ethylbenzy1)] - 3 - [(1 - ethylbenzy1)] - 3 - [(1 - ethylbenzy1)] - 3 - [(1 - ethylbenzy1)] - 3 - [(1 - ethylbenzy1)] - 3 - [(1 - ethylbenzy1)] - 3 - [(1 - ethylbenzy1)] - 3 - [(1 - ethylbenzy1)] - 3 - [(1 - ethylbenzy1)] - 3 - [(1 - ethylbenzy1)] - 3 - [(1 - ethylbenzy1)] - 3 - [(1 - ethylbenzy1)] - 3 - [(1 - ethylbenzy1)] - 3 - [(1 - ethylbenzy1)] - 3 - [(1 - ethylbenzy1)] - 3 - [(1 - ethylbenzy1)] - 3 - [(1 - ethylbenzy1)] - 3 - [(1 - ethylbenzy1)] - 3 - [(1 - ethylbenzy1)] - 3 - [(1 - ethylbenzy1)] - 3 - [(1 - ethylbenzy1)] - 3 - [(1 - ethylbenzy1)] - 3 - [(1 - ethylbenzy1)] - [(1 - ethylbenzy1)] - [(1 - ethylbenzy1)] - [(1 - ethylbenzy1)] - [(1 - ethylbenzy1)] - [(1 - ethylbenzy1)] - [(1 - ethylbenzy1)] - [(1 - ethylbenzy1)] - [(1 - ethylbenzy1)] - [(1 - ethylbenzy1)] - [(1 - ethylbenzy1)] - [(1 - ethylbenzy1)] - [(1 - ethylbenzy1)] - [(1 - ethylbenzy1)] - [(1 - ethylbenzy1)] - [(1 - ethylbenzy1)] - [(1 - ethylbenzy1)] - [(1 - ethylbenzy1)] - [(1 - ethylbenzy1)] - [(1 - ethylbenzy1)] - [(1 - ethylbenzy1)] - [(1 - 
propylbutyl) sulfonyl] alaninamide hydrochloride
           5-oxo-L-prolyl-N^1-[(2R,3S)-3-amino-4-(3,5-
difluorophenyl)-2-hydroxybutyl]-N^1-(3-ethylbenzyl)-3-[(1-
propylbutyl) sulfonyl] alaninamide
           N^{1}-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N^1 - (3-ethylbenzyl) -N^2 - [3-(4-oxo-2-thioxo-1,3-
thiazolidin-3-yl)propanoyl]-3-[(1-
propylbutyl) sulfonyl] alaninamide
           N^{1}-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N^1 - (3-ethylbenzyl) -N^2 - (1H-imidazol-4-ylacetyl) -
3-[(1-propylbutyl)sulfonyl]alaninamide
           N^{1}-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N^1 - (3-ethylbenzyl) -N^2 - (phenylacetyl) -3 - [(1-
propylbutyl) sulfonyl] alaninamide
           N^{1}-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N^{2} - (3-ethylbenzyl) -N^{2} - (3-phenylpropanoyl) -3-
[(1-propylbutyl)sulfonyl]alaninamide
            hydroxybutyl] (3-ethylbenzyl)amino]-3-oxo-2-{[(1-
propylbutyl) sulfonyl] methyl \ propyl) benzamide
            N^1-[(2R,3S)-3-amino-2-hydroxy-4-phenylbutyl]-N^2-
(cyclopropylacetyl) -N^{2} - (3-methoxybenzyl) -3-[(1-
propylbutyl) sulfonyl] alaninamide
            N^{1}-[(2R,3S)-3-amino-2-hydroxy-4-phenylbutyl]-N^{1}-(3-
methoxybenzyl) -N^2 - [(methylsulfonyl)acetyl] -3 - [(1 -
propylbutyl) sulfonyl] alaninamide
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N^{1}-[(2R,3S)-3-amino-2-hydroxy-4-phenylbutyl]-N^{1}-(3-
methoxybenzyl) -N^2 - [(methylthio) acetyl] -3 - [(1-
propylbutyl) sulfonyl] alaninamide
     N-(methylsulfonyl)glycyl-N^1-[(2R,3S)-3-amino-2-hydroxy-
4-phenylbutyl] -N^1-(3-methoxybenzyl) -3-[(1-
propylbutyl) sulfonyl] alaninamide
     N^2-acetyl-N^1-[(2R,3S)-3-amino-2-hydroxy-4-phenylbutyl]-
N^1-(3-methoxybenzyl)-3-(phenylsulfonyl)alaninamide
     2-[[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] (3-ethylbenzyl) amino] -1-
[(butylsulfonyl)methyl]-2-oxoethyl acetate
     N^{1}-[(2R, 3S)-3-amino-4-(3, 5-difluorophenyl)-2-
hydroxybutyl] -S-butyl-N^1-(3-ethylbenzyl) -D-cysteinamide
     N^{1}-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-3-(butylsulfinyl)-N^1-(3-ethylbenzyl)-D-
alaninamide
     N^{1}-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -3-(butylsulfonyl) -N^1-(3-ethylbenzyl) -D-
alaninamide
     N^{1}-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -3-(butylsulfonyl) -N^1-(3-ethylbenzyl) -L-
alaninamide
     N^{1}-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-3-(butylsulfonyl)-N^1-(3-methylbutyl)-D-
alaninamide
     N^{1}-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N^1 - [1 - (3 - ethylphenyl) cyclopropyl] -3 - [(1 -
propylbutyl) sulfonyl] -D-alaninamide
     N^{1}-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N^1 - (3-ethylbenzyl) -3-[(1-
propylbutyl) sulfonyl] -L-alaninamide
     N^{1}-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
```

```
hydroxybutyl] -N^1-cyclopropyl-3-[(1-propylbutyl)sulfonyl]-D-
alaninamide
     N^{1}-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N^1 - (3-methylbutyl) -3-[(1-
propylbutyl) sulfonyl] -D-alaninamide
     N^{1}-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N^1 - (3-ethylbenzyl) -3 - [(1-
propylbutyl) sulfonyl] -D-alaninamide
     N^{1}-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N^1 - (3-ethylbenzyl) -3-[(1-
propylbutyl) sulfonyl] alaninamide
     N^{1}-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N^1 - (3-ethylbenzyl) -N^2 - (phenoxyacetyl) -3 - [(1-
propylbutyl) sulfonyl] alaninamide
     N^{1}-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N^2 - \{ [(5-\text{chloro}-2-\text{thienyl}) \text{thio}] \text{ peroxy} \} - N^1 - (3-\text{thienyl}) \}
ethylbenzyl) -3 - [(1-propylbutyl) sulfonyl] alaninamide
     N^{1}-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N^1 - (3-ethylbenzyl) -N^2 - (phenylsulfonyl) -3 - [(1-
propylbutyl) sulfonyl] alaninamide
     N^2-[(benzylamino)carbonyl]-N^1-[(2R,3S)-4-(3,5-
difluorophenyl) -2-hydroxy-3-(methylamino)butyl] -N^1-(3-
ethylbenzyl) -3-[(1-propylbutyl) sulfonyl] alaninamide
     4-[[(2R,3S)-4-(3,5-difluorophenyl)-2-hydroxy-3-
(methylamino)butyl](3-ethylbenzyl)amino]-4-oxo-3-{[(1-
propylbutyl) sulfonyl] methyl butanoic acid
     4-[[(2R,3S)-3-amino-2-hydroxy-4-phenylbutyl](3-
methoxybenzyl)amino]-3-{[(3-methylbutyl)sulfonyl]methyl}-4-
oxobutanoic acid
     methyl 4-[(2R,3S)-3-amino-2-hydroxy-4-phenylbutyl)(3-
methoxybenzyl)amino]-3-{[(3-methylbutyl)sulfonyl]methyl}-4-
oxobutanoate
```

```
N^{1}-[(2R,3S)-3-amino-2-hydroxy-4-phenylbutyl]-N^{1}-(3-
methoxybenzyl) -2-{[(3-
methylbutyl)sulfonyl]methyl}succinamide
                    N^{1}-[(2R,3S)-3-amino-2-hydroxy-4-phenylbutyl]-N^{1}-(3-
methoxybenzyl) -N^4-methyl-2-{[(3-
methylbutyl)sulfonyl]methyl}succinamide
                    N^{1}-[(2R,3S)-3-amino-2-hydroxy-4-phenylbutyl]-N^{1}-(3-
methoxybenzyl) -N^4, N^4-dimethyl-2-{[(3-
methylbutyl)sulfonyl]methyl}succinamide
                   N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-3-(4,4-dimethyl-2,5-dioxoimidazolidin-1-yl)-N-
(3-ethylbenzyl)-2-{[(1-
propylbutyl) sulfonyl] methyl } propanamide
                    N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-3-(4,4-dimethyl-2,5-dioxoimidazolidin-1-yl)-N-
 (3-ethylbenzyl)-2-\{[(1-
propylbutyl) sulfonyl] methyl propanamide
                     (1R, 2S) - 2 - amino - 3 - (3, 5 - difluorophenyl) - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - \{[(3 - amino - 3 - (3, 5 - difluorophenyl)] - 1 - \{[(3 - amino - 3 - (3, 5 - difluoroph
                                                                                                                                                              3-(4,4-dimethyl-2,5-
ethylbenzyl)amino]methyl}propyl
dioxoimidazolidin-1-yl)-2-{[(1-
propylbutyl)sulfonyl]methyl}propanoate
                    N-[(2R,3S)-3-amino-2-hydroxy-4-phenylbutyl]-3-
 (ethylsulfonyl) -2-{[(isobutylsulfonyl)amino]methyl}-N-(3-
methoxybenzyl) propanamide
                    N-[(2R,3S)-3-amino-2-hydroxy-4-phenylbutyl]-3-
  (ethylthio) -2-{ [(isobutylsulfonyl)amino]methyl}-N-(3-
methoxybenzyl) propanamide
                      (2S) - N - [(2R, 3S) - 3 - amino - 2 - hydroxy - 4 - phenylbutyl] - N - (3 - amino - 2 - hydroxy - 4 - phenylbutyl] - N - (3 - amino - 2 - hydroxy - 4 - phenylbutyl] - N - (3 - amino - 2 - hydroxy - 4 - phenylbutyl] - N - (3 - amino - 2 - hydroxy - 4 - phenylbutyl] - N - (3 - amino - 2 - hydroxy - 4 - phenylbutyl] - N - (3 - amino - 2 - hydroxy - 4 - phenylbutyl] - N - (3 - amino - 2 - hydroxy - 4 - phenylbutyl] - N - (3 - amino - 2 - hydroxy - 4 - phenylbutyl] - N - (3 - amino - 2 - hydroxy - 4 - phenylbutyl] - N - (3 - amino - 2 - hydroxy - 4 - phenylbutyl] - N - (3 - amino - 2 - hydroxy - 4 - phenylbutyl] - N - (3 - amino - 2 - hydroxy - 4 - phenylbutyl] - N - (3 - amino - 2 - hydroxy - 4 - phenylbutyl] - N - (3 - amino - 2 - hydroxy - 4 - phenylbutyl] - N - (3 - amino - 2 - hydroxy - 4 - phenylbutyl] - N - (3 - amino - 2 - hydroxy - 4 - phenylbutyl] - N - (3 - amino - 2 - hydroxy - 4 - phenylbutyl] - N - (3 - amino - 2 - hydroxy - 4 - phenylbutyl] - N - (3 - amino - 2 - hydroxy - 4 - phenylbutyl] - N - (3 - amino - 2 - hydroxy - 4 - phenylbutyl] - N - (3 - amino - 2 - hydroxy - 4 - phenylbutyl] - N - (3 - amino - 2 - hydroxy - 4 - phenylbutyl] - N - (3 - amino - 2 - hydroxy - 4 - phenylbutyl] - N - (3 - amino - 2 - hydroxy - 4 - phenylbutyl] - N - (3 - amino - 2 - hydroxy - 4 - phenylbutyl] - N - (3 - amino - 2 - hydroxy - 4 - phenylbutyl] - N - (3 - amino - 2 - hydroxy - 4 - phenylbutyl] - N - (3 - amino - 2 - hydroxy - 4 - phenylbutyl] - N - (3 - amino - 2 - hydroxy - 4 - phenylbutyl] - N - (3 - amino - 2 - hydroxy - 4 - amino - 2 - hydroxy - 4 - amino - 2 - hydroxy - 4 - amino - 2 - hydroxy - 4 - amino - 2 - hydroxy - 4 - amino - 2 - hydroxy - 4 - amino - 2 - hydroxy - 4 - amino - 2 - hydroxy - 4 - amino - 2 - hydroxy - 4 - amino - 2 - hydroxy - 4 - amino - 2 - hydroxy - 4 - amino - 2 - hydroxy - 4 - amino - 2 - hydroxy - 4 - amino - 2 - hydroxy - 4 - amino - 2 - hydroxy - 4 - amino - 2 - hydroxy - 4 - amino - 2 - hydroxy - 4 - amino - 2 - hydroxy - 4 - amino - 2 - hydroxy - 4 - amino - 2 - hydroxy - 4
 methoxybenzyl) -2-{[(3-methylbutyl)sulfonyl]amino}-4-
  (methylsulfonyl) butanamide
                     N^1-[(2R,3S)-3-amino-2-hydroxy-4-phenylbutyl]-N^1-(3-
 methoxybenzyl) - N^2 - [(3-methylbutyl) sulfonyl] - L-methioninamide
                     S-(3-[(2R,3S)-3-amino-2-hydroxy-4-phenylbutyl](3-
```

```
methoxybenzyl)amino]-2-{[(3-methylbutyl)sulfonyl]methyl}-3-
oxopropyl) ethanethioate
     N-[(2R,3S)-3-amino-2-hydroxy-4-phenylbutyl]-2-hydroxy-
N-(3-methoxybenzyl)-3-[(1-propylbutyl)sulfonyl]propanamide
     N-[(2R,3S)-3-amino-2-hydroxy-4-phenylbutyl]-2-hydroxy-
N-(3-methoxybenzyl)-3-[(3-methylbutyl)sulfonyl]propanamide
     N-[(2R,3S)-3-amino-2-hydroxy-4-phenylbutyl]-2-hydroxy-
N-(3-methoxybenzyl)-3-[(3-methoxyphenyl)sulfonyl]propanamide
     N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-N-(3-ethylbenzyl)-2-hydroxy-4-
(phenylsulfonyl) butanamide
     N-[(2R,3S)-3-amino-2-hydroxy-4-phenylbutyl]-2-hydroxy-
N-(3-methoxybenzyl)-4-[(3-methylbutyl)sulfonyl]butanamide
     N-[(2R,3S)-3-amino-2-hydroxy-4-phenylbuty1]-N-(3-mu)
methoxybenzyl)-4-[(3-methylbutyl)sulfonyl]-2-
phenoxybutanamide
     N-[(2R,3S)-3-amino-2-hydroxy-4-phenylbutyl]-N-(3-max)
methoxybenzyl) -2-(3-methoxyphenoxy) -4-[(3-
methylbutyl) sulfonyl] butanamide
     3-\{1-\{[(2R,3S)-3-amino-2-hydroxy-4-phenylbutyl](3-
methoxybenzyl)amino]carbonyl}-3-[(3-
methylbutyl)sulfonyl]propoxy}benzoic acid
                         3 - \{1 - \{[(2R, 3S) - 3 - amino - 2 - hydroxy - 4 - 4 - 4]\}\}
     methyl
phenylbutyl] (3-methoxybenzyl)amino]carbonyl}-3-[(3-
methylbutyl) sulfonyl] propoxy}benzoate
     N-[(2R,3S)-3-amino-2-hydroxy-4-phenylbutyl]-2-hydroxy-
N-(3-methoxybenzyl)-4-(phenylsulfonyl)butanamide
     N-[(2R,3S)-3-amino-2-hydroxy-4-phenylbutyl]-2-hydroxy-
N-(3-methoxybenzyl)-4-(phenylthio)butanamide
     N-[(2R,3S)-3-amino-2-hydroxy-4-phenylbutyl]-2-methoxy-
N-(3-methoxybenzyl)-4-(phenylsulfonyl)butanamide
     N-[(2R,3S)-3-amino-2-hydroxy-4-phenylbutyl]-2-methoxy-
```

```
N-(3-methoxybenzyl)-4-(phenylthio)butanamide
              N-[(2R,3S)-3-amino-2-hydroxy-4-phenylbutyl]-N-(3-max)
 methoxybenzyl)-4-(phenylsulfonyl)-2-propoxybutanamide
              N-[(2R,3S)-3-amino-2-hydroxy-4-phenylbutyl]-2-
  (benzyloxy) - N-(3-methoxybenzyl) -4-(phenylsulfonyl) butanamide
               (2S) -2-amino-N-[(2R,3S)-3-amino-2-hydroxy-4-
 phenylbutyl] -N-(3-methoxybenzyl)-5-oxo-5-piperidin-1-
 ylpentanamide
               (2R) -2-amino-N-[(2R,3S)-3-amino-2-hydroxy-4-
 phenylbutyl] -N-(3-methoxybenzyl) -5-oxo-5-piperidin-1-
 ylpentanamide
             methyl
                                                                      ((1R)-1-\{[(2R,3S)-3-amino-4-(3,5-
 difluorophenyl)-2-hydroxybutyl](3-
 ethylbenzyl)amino]carbonyl}-3-oxoheptyl)carbamate
             methyl
                                                                      ((1R)-1-\{[(2R,3S)-3-amino-4-(3,5-
 difluorophenyl)-2-hydroxybutyl](3-
 ethylbenzyl)amino]carbonyl}-3,3-difluoroheptyl)carbamate
             methyl
                                                                      ((1R)-1-\{[(2R,3S)-3-amino-4-(3,5-amino-4)]\}
difluorophenyl)-2-hydroxybutyl](3-
ethylbenzyl)amino]carbonyl}-3-fluoroheptyl)carbamate
             methyl
                                                                     ((1R)-1-\{[(2R,3S)-3-amino-4-(3.5-amino-4)]\}
difluorophenyl)-2-hydroxybutyl](3-
ethylbenzyl)amino]carbonyl}-4-oxooctyl)carbamate
            methyl
                                                                     ((1R)-1-\{[(2R,3S)-3-amino-4-(3,5-amino-4)]\}
difluorophenyl) -2-hydroxybutyl] (3-
ethylbenzyl)amino]carbonyl}-4-hydroxyoctyl)carbamate
            methyl
                                                                     [(1R)-1-\{[(2R,3S)-3-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(3,5-amino-4-(
difluorophenyl)-2-hydroxybutyl](3-
ethylbenzyl)amino]carbonyl}-3-(2-butyl-1,3-dioxolan-2-
yl)propyl]carbamate
            methyl
                                                                    [(1R)-1-\{[(2R,3S)-3-amino-4-(3,5-amino-4)]\}
difluorophenyl)-2-hydroxybutyl](3-
```

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ethylbenzyl)amino]carbonyl}-3-(2-butyl-1,3-dioxan-2-
yl)propyl]carbamate
                            ((1R)-1-\{[(2R,3S)-3-amino-4-(3,5-
     methyl
difluorophenyl)-2-hydroxybutyl](3-
ethylbenzyl)amino]carbonyl}-4-fluorooctyl)carbamate
                            ((1R)-1-\{[(2R,3S)-3-amino-4-(3,5-
     methyl
difluorophenyl)-2-hydroxybutyl](3-
ethylbenzyl)amino]carbonyl}-4,4-difluorooctyl)carbamate
     (2R)-N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-N-(3-ethylbenzyl)-2-
{ [(methylamino)carbonyl]amino}-4-oxooctanamide
     N^{1}-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] - 4 - butyl - N^1 - (3 - ethylbenzyl) - N^2 -
[(methylamino)carbonyl]-D-homoserinamide
     N^{1}-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-3-(2-butyl-1,3-dioxolan-2-yl)-N^1-(3-
ethylbenzyl)-N^2-[(methylamino)carbonyl]-D-alaninamide
     N^{1}-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-3-(2-butyl-1,3-dioxan-2-yl)-N^1-(3-
ethylbenzyl) -N^2-[(methylamino)carbonyl]-D-alaninamide
     (2R)-N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-N-(3-ethylbenzyl)-4,4-difluoro-2-
{ [(methylamino)carbonyl]amino}octanamide
      (2R) -N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-N-(3-ethylbenzyl)-4-fluoro-2-
{[(methylamino)carbonyl]amino}octanamide
      (2R) -N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -N-(3-ethylbenzyl)-2-
{ [(methylamino)carbonyl]amino}-5-oxononanamide
      (2R) -N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-N-(3-ethylbenzyl)-5-hydroxy-2-
 { [(methylamino)carbonyl]amino}nonanamide
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(2R)-N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-4-(2-butyl-1,3-dioxolan-2-yl)-N-(3-
ethylbenzyl) -2-{[(methylamino)carbonyl]amino}butanamide
     (2R)-N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-4-(2-butyl-1,3-dioxan-2-yl)-N-(3-ethylbenzyl)-
2-{[(methylamino)carbonyl]amino}butanamide
     (2R)-N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-N-(3-ethylbenzyl)-5-fluoro-2-
{[(methylamino)carbonyl]amino}nonanamide
     (2R)-N-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-N-(3-ethylbenzyl)-5,5-difluoro-2-
{[(methylamino)carbonyl]amino}nonanamide
     N^{1}-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl]-3-(butylsulfonyl)-N^1-(3-ethynylbenzyl)-N^2-
[(methylamino)carbonyl]-D-alaninamide
     N^{1}-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -3 - (butylsulfonyl) -N^2 - [(methylamino)carbonyl] -
N^1-[3-(trifluoromethyl)benzyl]-D-alaninamide
     N^{1}-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -3-(butylsulfonyl) -N^1-[1-(3-
ethylphenyl) cyclopropyl] -N^2 - [(methylamino) carbonyl] -D-
alaninamide
      N^{1}-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -3-(butylsulfonyl) -N^1-[1-(3-
ethynylphenyl) cyclopropyl] - N^2 - [(methylamino) carbonyl] - D-
alaninamide, and
      N^{1}-[(2R,3S)-3-amino-4-(3,5-difluorophenyl)-2-
hydroxybutyl] -3 - (butylsulfonyl) -N^2 - [(methylamino)carbonyl] -
N^1 - \{1 - [3 - (trifluoromethyl) phenyl] cyclopropyl\} - D-alaninamide.
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12. A method of generating a compound of formula (Y):

$$R_N$$
 H
 R_1
 R_2
 R_3
 R_3
 R_2

comprising exposing a compound according to claim 1 to aqueous media, wherein $R_1,\ R_2,\ R_3,\ R_N$ and R_C are as defined in claim 1.

- 13. The method of claim 12 wherein the generation of the compound of formula (Y) occurs in vitro.
- 14. The method of claim 12 wherein the generation of the compound of formula (Y) occurs in vivo.
- 15. The method of claim 12 wherein the aqueous media has a pH of about 2 to about 10.
- 16. The method of claim 3 wherein the aqueous media has a pH of about 3 to about 7.
- method for the treatment orprevention Α mild cognitive impairment Alzheimer's disease, syndrome, Hereditary Cerebral Hemorrhage with Amyloidosis of the Dutch-Type, cerebral amyloid angiopathy, other degenerative dementias, dementias of mixed vascular and degenerative origin, dementia associated with Parkinson's dementia associated with progressive disease, dementia associated with cortical supranuclear palsy, basal degeneration, diffuse Lewy body type of Alzheimer's disease comprising administering a therapeutically

effective amount of a compound or salt according to Claim 1, to a patient in need thereof.

- 18. Α method for the treatment or prevention Alzheimer's disease, mild cognitive impairment Down's syndrome, Hereditary Cerebral Hemorrhage with Amyloidosis of the Dutch-Type, cerebral amyloid angiopathy, other degenerative dementias, dementias of mixed vascular and degenerative origin, dementia associated with Parkinson's disease, dementia associated with progressive supranuclear palsy, dementia associated with cortical basal degeneration, diffuse Lewy body type of Alzheimer's disease comprising administration of a therapeutically effective amount of a compound or salt according to Claim 1, to a patient in need thereof.
- 19. The use of a compound or salt according to claim 1 for the manufacture of a medicament.
- The use of a compound or salt according to claim 1 20. for the manufacture of a medicament for use in the treatment or prevention of Alzheimer's disease, mild cognitive impairment Down's syndrome, Hereditary Cerebral Hemorrhage with Amyloidosis of the Dutch-Type, cerebral amyloid angiopathy, other degenerative dementias, dementias of mixed vascular and degenerative origin, dementia associated with Parkinson's disease, dementia associated with progressive supranuclear palsy, dementia associated with cortical basal degeneration, or diffuse Lewy body type of Alzheimer's disease.
- 21. A compound according to claim 1 selected frrom the group consisting of:

	CF ₃ SO ₂ N O H ₂ N F	H ₂ N H N N N N N N N N N N N N N N N N N N
HO N F ₃ C F H ₂ N O ₂	NH H H N F CF3	F H ₂ N H O O O H ₂ N
F H ₂ N N O N O O O	O H H O O F O F	F H ₂ N N O H ₂ N
H ₂ N N H	H ₂ N H ₂ N H	HOIL N HO CF3

O NH ₂ HN N O H ₂ N F	NH O NH O NH NN N N N N N N N N N N N N	ON NO NH2 F
F O N N N N N N N N N N N N N N N N N N	NH ₂ O NH ₂ F	HO HZ O HZ N F
F NH ₂	N N N N N N N N N N N N N N N N N N N	OH HN O N N HO NH ₂
O N F F F F N N N N N N N N N N N N N N	O NH NH ₂ F	SO ₂ H O OH OH OH N N O

H ₂ N OH O N N N N N N N N N N N N N N N N N	H ₂ N OH O O N N OH O O O O O O O O O O O O	H ₂ N OH OS SINCE
H ₂ N OH ON OH OH OH OH OH OH OH OH OH OH OH OH OH		O O O O O O O O O O O O O O O O O O O
H ₂ N OH OH OH OH OH OH OH OH OH OH OH OH OH	H ₂ N F	OF N H
H ₂ N	HH NH OH ON OH OH OH OH OH OH OH OH OH OH OH OH OH	F P P P P P P P P P P P P P P P P P P P

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H ₂ N OH OH	H ₂ N OH OH OH OH OH OH OH OH OH OH OH OH OH	H ₂ N OH OH OH OH OH OH OH OH OH OH OH OH OH
SO ₂ H ₂ N H ₂	O H N H N H N H N H N H N H N H N H N H	H ₂ N OH O Z
F F N OH OO N N N N N N N N N N N N N N N N	SO ₂ NH NH NH NH NH NH NH NH NH NH NH NH NH	SO ₂ H _N N OH H ₂ N H ₂ N F
HO NH2 NH2 NH2	H ₂ N OH	H ₂ N OH O

ĎН ōн о≈ H₂N²

H ₂ N OH NH ONH	H ₂ N OH NH NH NH NH NH NH NH NH NH NH NH NH NH	H ₂ N OH NH NH NH NH NH NH NH NH NH NH NH NH NH
F N OH OH OH OH OH OH OH OH OH OH OH OH OH	F F N O N O N O N O N O N O N O N O N O	O S NH N O O O O O O O O O O O O O O O O O
O S NH CI	0 0 N H F H 2 N F F	F H ₂ N OH H N H O S
F H ₂ N OH O CF ₃	F H ₂ N OH H N N N N N N N N N N N N N N N N N	0 0 H Z F F F

F H ₂ N OH O OH O OH O OH O OH O OH O OH O OH	ONH NH OO OOH NH NH OO OO OOH NH NH OO OO OOH NH NH OO OO OOH NH NH OO OO OOH NH NH OO OO OOH NH NH OO OO OO OO OO OO OO OO OO OO OO OO OO	H ₂ N OH O H
O O O H N N F F F	O O H N F F F	HOOH NO OH N
O O O H N H N F F F	O NH OH H ₂ N N F	H ₂ N H ₀ N N N N N N N N N N N N N N N N N N N
H ₂ N	O H N P F F F	O O O O O O O O O O O O O O O O O O O

SO ₂ OH N-H H ₂ N F	H ₂ N O S N N N N N N N N N N N N N N N N N	CF3 OOH N N H 2N F F
H ₂ N OH NH NH NH NH O	H ₂ N OH HN N	H ₂ N OH O Z Z H
F F H ₂ N OH O H N O O O O O O O O O O O O O O O O O O O	NH2 NH2 NH2 F	NH2 NH2 NH2 NH2 NH2
F HO NH ₂ ONH NH ₂ OH	NH ₂ N S O	O F O O OH NH N NH ₂

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S O O NH O NHO,, H ₂ N O	NO OH NH2	N O OH NH ₂
H ₂ N HO N N N N N O	O HE O HE F	F NH ₂
N NH ₂ NH ₂ O HN O O	F N NH ₂ O N O O S O	F CF ₃
O O O OH NH2	F H ₂ N OH OO'S O	F H ₂ N OH OO'S N HN OCF3

	ON ON ON ON ON ON ON N H ₂ N H ₂ N F
S N D H N F F	O N O N O N O N O N O N O N O N O N O N
O S O H N F F	O N HO O N HO O N H HO O N N H HO O N N H HO O N N H HO O N N H HO O N N H HO O N N H HO O N N H HO O N N H HO O N N H HO O N N H HO O N N H HO O N N H HO O N H H H H H H H H H H H H H H H H H H

22. A pharmaceutical composition comprising a compound according to any one of claims 1-11 or 21, in combination with a physiologically acceptable carrier or excipient.

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- (74) Agent: SARUSSI, Steven, J.; McDonnell Boehnen Hulbert & Berghoff, 300 South Wacker Drive, Suite 3200, Chicago, IL 60606 (US).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
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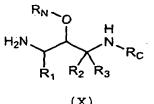
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: 1, 3-DIAMINO-2-HYDROXYPROPANE PRODRUG DERIVATIVES

$$\begin{array}{c|c}
 & OR_N & R_N \\
 & R_1 & R_2 & R_3
\end{array}$$



H₂N + R₂R₃ R₃ R₄ R₅ R₇ R₈ R₁ R₂R₃ R₈ R₁ R₂R₃ R₃ R₄ R₅ R₅ R₁ R₂ R₃ R₅ R₆ (AA) (I) (X) (X) (S7) Abstract: The present invention relates to compounds of formula (AA), (I) and (X), useful in treating Alzheimer's disease and other similar diseases. These compounds include inhibitors of the beta-secretase enzyme that are useful in the treatment of and other diseases characterized by deposition of A beta peptide in a mammal. The compounds of the invention is the standard of the invention in the standard of the invention is the standard of the invention in the standard of the invention is the standard of the invention in the standard of the invention is the standard of the invention is the standard of the invention in the standard of the invention is the standard of the inve

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER IPC 7 CO7D263/32 CO7C C07C317/50 C07C237/06 C07C311/09 C07C321/14 A61P25/28 A61K31/4164 A61K31/24 C07C237/22 C07C233/65 A61K31/221 A61K31/166 A61K31/18 According to International Patent Classification (IPC) or to both national classification and IPC **B. FIELDS SEARCHED** Minimum documentation searched (classification system followed by classification symbols) CO7D CO7C A61P A61K Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, BEILSTEIN Data, CHEM ABS Data C. DOCUMENTS CONSIDERED TO BE RELEVANT Relevant to claim No. Citation of document, with indication, where appropriate, of the relevant passages Category ^c 1 - 11X "INHIBITORS OF HIV-1 VAZQUEZ M L ET AL: PROTEASE CONTAINING THE NOVEL AND POTENT (R)-(HYDROXYETHYL)SULFONAMIDE ISOSTERE" JOURNAL OF MEDICINAL CHEMISTRY, AMERICAN CHEMICAL SOCIETY. WASHINGTON, US, vol. 38, no. 4, 17 February 1995 (1995-02-17), pages 581-584, XP000999296 ISSN: 0022-2623 Page 582, compound 7; 1 - 11χ EP 0 223 437 A (SQUIBB & SONS INC) 27 May 1987 (1987-05-27) Page 7, compound of general formula II; Patent family members are listed in annex. Further documents are listed in the continuation of box C. Х X Special categories of cited documents: later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance invention "E" earlier document but published on or after the international "X" document of particular relevance; the claimed invention filing date cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-ments, such combination being obvious to a person skilled O document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but "&" document member of the same patent family later than the priority date claimed Date of mailing of the international search report Date of the actual completion of the international search 04/03/2004 16 February 2004 Name and mailing address of the ISA Authorized officer European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016 Sen, A

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C (Cr :: 41:		PC1/US U3/28116
	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	
Category	'Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 96 22287 A (SEARLE & CO; FRESKOS JOHN N (US); GETMAN DANIEL P (US); TALLEY JOH) 25 July 1996 (1996-07-25) Page 39, Example 1; pages 73-77, Examples 26-28; page 83, Example 34; page 86, Example 37; page 88, Example 38; page 101, Example 48;	1-11
X	WO 95 06030 A (MUELLER RICHARD A ;VAZQUEZ MICHAEL L (US); MONSANTO CO (US); SEARL) 2 March 1995 (1995-03-02) Page 133, Example 18A; Claim 8;	1-11
Ρ,Χ	WO 03 006423 A (CHRUSCIEL ROBERT ALAN; BROWN DAVID L (US); HOM ROY (US); JOHN VARG) 23 January 2003 (2003-01-23) Claim 1;	1-11
x	WO 02 02512 A (UPJOHN CO ;ELAN PHARM INC (US)) 10 January 2002 (2002-01-10) Chart D;	1-11
X	DATABASE CROSSFIRE BEILSTEIN 'Online! Beilstein Institut zur Förderung der Chemischen Wissenschaften, Frankfurt am Main, DE; Database accession no. BRN 8790682 XP002269044 abstract & HADDEN C.E. ET AL.: J.HETERCYCL.CHEM., vol. 37, no. 6, 2000, pages 1623-1628,	1-11
X	DATABASE CROSSFIRE BEILSTEIN 'Online! Beilstein Institut zur Förderung der Chemischen Wissenschaften, Frankfurt am Main, DE; Database accession no. BRN 5463420 XP002269045 abstract & TUCKER,T.J. ET AL.: J. MED. CHEM., vol. 35, no. 14, 1992, pages 2525-2533,	1-11
1	WO 02 02505 A (ELAN PHARM INC) 10 January 2002 (2002-01-10) claims 1-85	1-22
	•	
		·

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INTERNATIONAL SEARCH REPORT

International Application No PCT/US 03/28116

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT Category Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
	Relevant to claim No.
TAMAMURA, H ET AL.: "Efficient stereoselective synthesis of peptidomimetics containing hydroxyethylamine dipeptide isosteres utilizing the aza-Payne rearrangement and 0, N-acyl transfer reactions" JOURNAL OF THE CHEMICAL SOCIETY, PERKIN TRANS. 1, 2002, pages 577-580, XP002269043 the whole document	1-22

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